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REPORT OF TRACHOMA CLINIC CONDUCTED AT PELHAM, MITCHELL COUNTY, GA., NOVEMBER 14, 1921-APRIL 1, 1922.

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At the request of the State health officer of Georgia, an investigation of trachoma was instituted in Mitchell County, South Georgia, in September, 1921.

It appeared that one of the eye specialists in a near-by town for some time had been receiving patients from Mitchell County that he believed to be suffering from true trachoma. Since the patients lived at some distance and did not cooperate with the doctor, the treatment was more or less unsatisfactory. He reported this to the local authorities and suggested that the Public Health Service be requested to determine the real nature of these cases. The result was the request from the State health officer for an investigation.

In September, 1921, the writer arrived in Camilla, the county seat of Mitchell County. The county school superintendent furnished transportation, and one of the trachoma cases, an ex-soldier, acted as guide for visits in the rural districts.

The infection was thought to be most general in the southwestern portion of the county, and the investigation was accordingly commenced there. The actual survey in the county occupied only one day, September 15, 1921. On this day two schools were examined and a number of homes in that section of the county were visited. One of the schools was very small, and only a few suspicious cases were found. The other school, however, had about 130 pupils and was found to be heavily infected with trachoma. Of the homes visited, one consisted of the parents and six children—the parents were about 40 years of age and the ages of the children ranged from 2 to 18 years, all suffering from positive trachoma. The mother had completely lost the right eye as a result of trachoma, and vision in the left was reduced to the ability to count fingers at a few feet. Practically all of the sequelæ were present and the entropion and trichiasis were very marked. Another family visited consisted of five members—all suffering from positive trachoma, with the exception of the father. The mother, aged 25, had had trachoma for years and was unable to care for her little children on account of her eyes. Her three children suffered from well-marked cases of this disease.

Another family visited showed the father, aged 55, to be affected with trachoma of the papillary type. The conjunctiva was markedly hypertrophied, presenting the strawberrylike appearance; there were pannus, marked photophobia, and reddened, angry-looking skin of the eyelids. The family of this man consisted of some six or eight children, only three of whom were at home at the time of the examination. These three were found to have positive trachoma. Other cases of trachoma were found in the various neighborhoods—a total of 30 cases being found and examined during the day. These cases left no room for doubt as to diagnosis, since the majority of them already had the sequelæ of the disease, including cicatricial contraction of the conjunctiva, pannus, photophobia, etc. A subsequent examination some months later showed many more trachoma cases, some of whom had lost both eyes from trachoma; others had been blinded in one eye, and a considerable number of others had had their vision greatly reduced as a result of this disease. Many of these showed the cicatricial contraction of the conjunctiva, leukoma, and other undoubted sequelæ of trachoma.

Further primary investigation was deemed useless, as the first day of the survey showed an extremely serious condition in Mitchell County, and one which demanded immediate and drastic action on the part of the local authorities. The county commissioners and persons locally interested were informed of the findings of the survey. A report was made also, both personally and in writing, to the State health officer in Atlanta. He was advised of the seriousness of the situation and urged to see that some action was taken by the county commissioners without delay. There was no health officer in Mitchell County at that time. In undertaking this public health work it was believed to be most essential that the county have a full-time health officer to cooperate, and this matter was brought to the attention of the State health officer.

The plan outlined for the relief of the situation was a trachoma clinic—the Public Health Service to furnish a medical officer and two nurses, experienced in trachoma work, and the county commissioners to supply the hospital building and pay all expenses incident to the clinic. While it was impossible to give in advance any accurate estimate of the amount of money needed, it was suggested that the county secure the use of a building and appropriate \$1,000 as a start.

In Pelham, which is in Mitchell County and very near the county seat, a small modern hospital was found to be available. This hospital and a connecting residence had been built very recently by a private physician. It had, however, proved a financial failure and the county was thus able to secure both buildings for the trachoma work.

The clinic was opened for the reception of patients on November 14, 1921, after having been advertised a few days in advance. The opening was attended by health officers and medical men from many sections of Georgia, the county commissioners, and other interested citizens.

While the hospital and clinic were established for the purpose of preventing the spread of trachoma and eradicating the existing cases, the State department of health, local physicians, including some of the eye specialists, the county commissioners, and others, requested that all other conditions affecting the eye, ear, nose, and throat be treated when occurring in indigent patients. None of the medical men in this county practice these specialties, and under the conditions the request was therefore complied with.

The staff of the hospital consisted of Passed Asst. Surg. J. L. Goodwin (R) and nurses Nora Tonnemacher and Anna M. Nimmo. Doctor Goodwin is an eye specialist with years of trachoma experience, and the nurses have been on duty for several years on the Public Health Service trachoma hospitals. Attendants were supplied by the county. The capacity of the hospital was about 25 beds. All patients were furnished not only free treatment, but free bed and board at the expense of the county for the time they remained in the hospital.

Immediately after the clinic was started, the large number of patients applying overran the hospital, and it was necessary to keep a waiting list and notify them when they could be admitted for treatment. The response was immediate and most unusual; the patients came in when told and cooperated in every way for the successful handling of such a large clinic. From start to finish the clinic proved to be an exceedingly busy one, and the doctor and nurses were on duty practically all of the time, as it was not unusual to have more than 100 dispensary cases during the day, in addition to the operative work, which was usually done in the early afternoon.

In order, therefore, to visit the rural schools, it was necessary to arrange in advance so that as few patients as possible would apply for treatment on those days when the medical officer in charge was visiting the schools in the county. Every school in the county—32 in number, with 1,948 pupils—was examined. This work was done in cooperation with the county health officer.

While previous to the establishment of the trachoma clinic there had been some action taken looking toward the appointment of a county health officer, some opposition apparently had developed and the appointment had not been made. Very soon after the commencement of this public health work the health officer was appointed and rendered valuable assistance to the medical officer in the district work.

In this district work and examination for trachoma, the cases ranged from those of well-marked, long-standing, positive trachoma with the sequelæ, including total blindness in a number of cases, to the lighter forms of lid trouble and simple conjunctivitis. While in some of these cases it was impossible to determine at once the true diagnosis, they were all cured in the interest of public health.

The clinic was in operation from November 14, 1921, to April 1, 1922, inclusive—a period of four and one-half months. During this time a total of 381 operations were performed, 90 under general and 281 under local anesthesia, for various conditions of eye, nose, and throat.

Aside from the public-health aspect of this question, many of the cases admitted to the hospital presented that pathetic appearance which is so commonly seen in the trachoma clinics and which appeals to the humanitarian side and stimulates the workers to the highest possible effort to retain the flickering light all but lost as a result of this mutilating disease. It can be said, therefore, that the sight of many of these children has been saved, and many have been relieved of their trachoma in time to prevent total destruction of the eye. Mothers have been restored to their places in their families, fathers resumed their work as bread winners, and children returned to school as a result of this public health endeavor by the United States Public Health Service, the State of Georgia, and the local authorities.

The doctor and nurses were instructed to conduct this trachoma hospital in exactly the same manner as that used at the Public Health Service trachoma hospitals. The housekeeping was under the direct supervision of the nurses. During the four and one-half months that the clinic was in operation there were admitted to the hospital 224 persons (the total number of admissions was 302, some of these being readmitted after being discharged to their homes for various reasons). The total hospital cost to the county, not including fuel, light, water, and telephone, was \$1,874.73. The subsistence cost for the four and one-half months (nurses, attendants, and patients) was \$944.42; the number of meals furnished was 7,153, the average cost per meal being a little over 13 cents, which is believed to be about as economical as is consistent with a balanced ration. The hospital was not completely furnished, and about one-fourth of the total cost was spent for cots, blankets, etc., which remained on hand after the clinic closed and were available for other uses.

The origin of the trachoma in Mitchell County dates back at least several generations, and apparently is found in the ancestors of the first family visited in the original survey. Mrs. S., aged 70 years, two sons (one of whom is blind), and their families, all have trachoma. Mrs. S.'s sister, Mrs. F., aged 67 years, is totally blind from trachoma. These people are sturdy, honest farmer folk, of true American stock, whose ancestors settled this country, and their phys-

ical condition is excellent but for this terrible handicap. The history is obtained from Mrs. S. and Mrs. F., that their mother, a Mrs. Sn., had "chronic sore eyes." Mrs. Sn. apparently had lived in Mitchell County most of her life, but some of her younger days were spent in Florida. If history is to help in tracing the genuine cases of trachoma, I believe we can go back to this Mrs. Sn., but there the chain is lost in the fourth generation.

HOSPITAL REPORT.

Dispensary relief:

Total attendance.....	3,111
Average daily attendance.....	25
Treatments given outpatients.....	3,118
Treatments given house patients.....	8,208
Total treatments given.....	11,326

Cases trachoma cured.....	200
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Hospital relief:

Patients admitted to hospital.....	302
Days relief furnished.....	2,052
Meals furnished.....	7,153
Rations furnished.....	2,694

Operations performed:

Grattage.....	336
Entropion.....	8
Tarsectomy.....	1
Canthotomy.....	3
Iridectomy.....	1
Cataract extraction.....	2
Pterygium.....	8
Conjunctival adhesion.....	1
Removal foreign body.....	1
Chalazion.....	2
Tonsillectomy.....	7
Adenoidectomy.....	11
Total.....	381

General anesthesia.....	90
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Local anesthesia.....	281
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Rural examinations:

Number examinations held.....	19
Children examined.....	243
Adults examined.....	231
Trachoma cases found.....	8
Suspicious cases found.....	10
Conjunctivitis and follicular.....	26

Financial statement:

Groceries, etc.....	\$679.97
Meats.....	115.90
Milk and butter.....	148.55
Drugs.....	184.75
Miscellaneous.....	405.56
Salaries attendants.....	340.00
Total.....	1,874.73

The cases treated have practically all been cured, and it is believed that almost all trachoma cases in Mitchell County have been treated. A few cases of the old chronic type of trachoma, which showed a disposition to relapse, were probably not entirely cured. These cases have been turned over to the county health officer for further treatment. The county health officer acted as understudy to the medical officer in charge for some weeks in order that he might learn the proper procedure and treatment in dealing with these cases.

Splendid work was done by the medical officer in charge and the two nurses assisting him. Although on duty practically all the time during the four and one-half months, they were tireless in their efforts and unfailing in their interest and enthusiasm throughout the entire time. They deserve special mention in this connection for faithful, conscientious, and loyal service. It is a pleasure to state that the citizens of the community appreciate their ability and the help given in this piece of public health work.

With appreciation, acknowledgment is made of the thorough co-operation of the State board of health, the county commissioners of Mitchell County, the local physicians, and interested citizens, which made the work possible and assured its success.

TRACING SPECIFIC SOURCES OF RURAL ENDEMIC TYPHOID.

AN EPIDEMIOLOGICAL STUDY OF RURAL TYPHOID FEVER IN TWO COUNTIES OF MARYLAND.

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The evidence gathered in routine epidemiological studies of endemic typhoid fever in rural communities has, in many instances, proved to be so indefinite and disconnected that specific sources of infection for individual cases, and groups of cases, could not be clearly identified. With this fact in mind, a study was inaugurated by the writer in April, 1920, in Washington and Frederick Counties, Md. It was believed that if individual endemic foci could be delimited, and sufficiently detailed data obtained regarding these foci, specific chronic sources of infection might be found with greater ease.

Plotting Foci.

Spot maps were prepared showing the location and year of occurrence of each typhoid case reported to the State department of health from the two counties during the years 1916, 1917, 1918, and 1919 (see maps). These maps showed some striking features in the distribution of cases. In many instances, where decided clumping of cases was noted, it was found that this was due to the occurrence of cases year after year, indicating chronic endemic conditions rather

than transient epidemic ones. Fifteen "communities," or "areas," were then outlined, seven in Washington County and eight in Frederick County (see maps). Each of these areas showed clumping of cases, indicating one or more focal points. In outlining the areas, an effort was made to include focal points apparently bearing some epidemiologic relationship to each other. These areas were not intended, however, to show even approximate equality in size or in population, the boundaries being arbitrarily made on the basis of relationship of apparent foci.

A chronological list of cases was then made for each of the 15 areas, showing the name of each case, its location, and date of occurrence. Later, the name of the householder in each case was added. See list, "Hancock-Pectonville area" (W-1).

A glance at this list and at its corresponding area on the map will show at once the distinct grouping of cases year after year. Comparison of areas in each county will show a like grouping. In other words, these maps seem to show endemic focal areas with rather definite focal points.

Investigation of New Cases.

As new cases were reported, careful case histories were obtained. Focal area lists were found to be of great assistance in the field in reviewing the previous typhoid history of a community and its relation, if any, to a case under investigation. Personal contacts were given closer scrutiny than sources of water supply or sanitary condition of premises.

In taking histories, particular attention was given to the following points:

1. Places at which food or drink had been taken within 30 days previous to onset.
2. Family history of typhoid.
3. History of typhoid in personal contacts.
4. Visitors, within 30 days of onset.
5. Contact, within 30 days of onset, with any cases of illness resembling typhoid.

Places of contact.—Places of contact were designated by three terms: local, foreign, and mixed.

Local contact history was subdivided into two groups: (a) One in which food or drink had not been taken outside of the immediate area wherein the patient's home was located, within 30 days of onset; (b) one in which food or drink had been taken outside the home area, but not outside the two counties under investigation, within 30 days of onset. Detailed information was obtained as to places away from home where food or drink had been taken; also information regarding personal contact with known or suspected

typhoid cases at such places. Cases giving the first variety of local contact history were, of course, most valuable in indicating local sources of infection.

Cases giving history clearly indicating a source of infection outside of the counties under study were designated as foreign, and were not included in the study.

Cases giving both local and foreign history were designated as mixed. In such cases, contacts were often so numerous and complicated that epidemiologic analysis was rather difficult.

Family history.—Any history of previous typhoid in a member of the family was given careful consideration as to date and history at the time of infection. If a mother, or other person in a home, connected with the preparation of food, gave such a history, or if any past history indicated a mother, or other person, as a possible source of infection for previous cases in the family, this fact was noted. Any history of repeated occurrence of typhoid in the same family, particularly in the absence of typhoid in neighboring families having many community contacts in common, was regarded as evidence of a carrier, either in the immediate family or in a frequent family contact.

History of typhoid in personal contacts.—In investigating a case, the names on the list of previous cases in the area in which the patient lived or had had contact, were discussed with the informant, and, if possible, with the patient, in order to learn if any of the persons enumerated, or members of the families of these persons, had been associated with the patient within 30 days of onset. Similar history for periods previous to 1916, not covered by case reports, was also sought.

Visitors.—This portion of the history applied particularly to persons, especially women, who had, within 30 days of the onset of the disease in the patient, eaten at the family table, or had assisted in the preparation of any meals eaten by the patient.

Contact, within 30 days of onset, with cases of illness resembling typhoid.—This portion of the history was given special attention in cases furnishing no other definitely suspicious history. If the history produced information indicating personal contact, or contacts, as a probable source of infection, careful inquiry was made as to history of typhoid, or suspected typhoid, in such a contact, also the presence of chronic abdominal trouble, and history of typhoid in his or her associates since the time of an attack. If facts in connection with the history seemed to justify it, feces and urine cultures were obtained to determine the presence, or absence, of typhoid or paratyphoid bacilli.

Record was made of all personal contact suspects for reference in investigation of future cases, giving history of contacts in the areas where the suspects lived. (See Sample Typhoid Case Histories.)

Epidemiologic Findings.

From April 1, 1920, to December 31, 1920, 63 cases of rural¹ typhoid were investigated according to the foregoing method.² Six cases gave histories indicating that infection had occurred outside the two counties under study. Four of these were imported after the onset of symptoms. The remaining 57 cases furnished data indicating that infection had been contracted locally.

TABLE I.—*Classification of cases according to probable source of infection.*

Probable source.	Number of cases.	Per cent of total.
Contact with reported cases.....	2	3.5
Contact with unrecognized cases.....	11	19.3
Contact with demonstrated carriers.....	19	33.3
Contact with specifically located sources.....	32	56.1
Probable source unknown.....	25	43.9
Total.....	57	100.0

Local sources of infection specifically located.—Thirty-two of the 57 cases, or 56.1 per cent, gave history of contact with specifically located sources (see Table I).

Two cases gave history of direct contact, within 30 days of onset, with a previously reported convalescent case in the immediate family; and 11 reported cases gave history of direct contact, within 30 days of onset, with an unreported suspected case. Nine of these 11 cases had eaten at the same table with a suspected case during the period of convalescence.

In connection with the investigation of this group of cases, 7 suspected cases were found in which the clinical history and findings seemed to warrant a diagnosis of typhoid. None of these had been reported. Prophylactic measures had been taken in only two instances.

Nineteen cases gave history of direct contact with a demonstrated carrier. Ten carriers were demonstrated during the study (see Table II). Feces and urine cultures were obtained from 28 suspects, with 18 negative results. Bacteriological examinations were made by Dr. R. C. Salter, State bacteriologist of Maryland, and confirmed by the Hygienic Laboratory of the United States Public Health Service at Washington, D. C. Organisms identified by cultural methods were, in all instances, confirmed by agglutination.

Without exception, the above 19 cases gave a history of direct contact with a bacteriologically demonstrated carrier within 30 days previous to onset, and in 14 instances the case lived in the same

¹ Cases occurring in towns and villages of over 600 population were not considered rural.

² Exclusive of a water-borne outbreak of 22 cases which occurred at Security, Washington County, during November, 1920.

house with the carrier and repeatedly ate at the same table, within a like period. In 8 cases a carrier had helped in the preparation of food eaten by the patient, within 30 days of onset.

Local sources of infection not specifically located.—Twenty-five cases, or 43.9 per cent, did not give history of contact with specifically located sources.

Contact with transients: Two of these cases had, however, been employed at "fruit-picking" camps where many transients were employed, where sanitary precautions were not the best, and where there were opportunities for contact which could not be specifically located.

Contact with suspected carriers: In six cases, contact with a carrier was the suspected source of infection, but no positive culture could be shown in any suspected personal contact.

Polluted drinking water: The history obtained in seven cases indicated polluted drinking water as a possible source of infection. In none of these, however, could other possibilities be excluded with sufficient clearness to consider drinking water as the probable source of infection.

Doubtful diagnosis: Of four reported cases in which the diagnosis seemed doubtful, two developed symptoms within 10 days after a major abdominal operation. If the diagnosis were correct, it would seem, from the history obtained, that it was more likely that these patients were infected in the hospital on account of faulty antityphoid precautions, than that infection had occurred previous to entry into the hospital. Both had a positive Widal reaction.

In another case, a child convalescing from whooping cough developed an elevation of temperature and some abdominal symptoms. It was diagnosed and reported as typhoid. A few days later this child passed a large number of round worms. The temperature then subsided. No Widal test was made in this case.

The remaining case had an elevation of temperature which lasted for five days. A positive Widal reaction was obtained. The attending physician stated that he did not believe that the clinical symptomatology justified a diagnosis of typhoid fever, but that the case had been reported on the basis of the positive Widal reaction.

Carriers and Endemic Foci.

The potential relation of a carrier to an endemic focus of typhoid is rather clearly suggested in the case of carrier No. 7,³ living near Millstone, Washington County. This woman, the wife of a rural storekeeper, had assisted her husband in the store for the past four years. During the summer months of each year, ice cream was sold at this store each Saturday afternoon and evening. The carrier

³See sample history No. 1.

usually served the ice cream and attended to the washing of the dishes and other utensils used. As this store is patronized by practically all of the residents in the Pectonville district, it seems distinctly possible that the woman has played some part in the causation of this focus. (See map of Washington County.)

In the Bolivar area in Frederick County, 32 cases of typhoid were reported during the five-year period 1916-1920. Ten of these cases were in persons repeatedly associated with carrier No. 10.⁴ Seven of these persons were relatives of the carrier.

The case of carrier No. 9,⁵ living at Security, Washington County, also shows some rather interesting details. The focal list for this area shows the occurrence of four cases of typhoid at Security⁶ during the four-year period—one in 1916, two in 1917, and one in 1918. All of these cases were colored men living at Security and employed at the Security cement mill, one being a cousin of the carrier who frequently ate meals at the carrier's home. As the colored population of Security is only 10 per cent of the whole population and lives in a segregated part of the village, it seemed somewhat significant that all of the cases appearing on the focal list should be colored men. In 1920, out of 32 cases of typhoid occurring at Security (of which 22 were considered to be water borne), only three were colored. Two of these three were stepsons of the carrier, living at the same house and eating at the same table. For three years previously this carrier had been a vender, selling cuts of pies and cakes, purchased from a Hagerstown bakery, to workmen at the Security mill. It is understood that much of his patronage was from the colored workmen.

As the study progressed and focal data accumulated, the important rôle of carriers in the causation of foci became increasingly evident.

TABLE II.—*List of carriers.*

No.	Age.	Sex.	Color.	Organism in feces.	Organism in urine.	History of previous typhoid.	Number of cases traceable in 1920.
1.	43	F.	W.	<i>B. typhosus</i>.....	.....	a 1903	2
2	38	F.	W.	do.....	.....	1917	3
3	36	F.	W.	do.....	<i>B. typhosus</i>	1919	4
4	45	M.	W.	<i>B. paratyphosus B.</i>.....	.....	None.	4
5	5	M.	W.	do.....	<i>B. paratyphosus B.</i>	b 1920	3
6	41	F.	W.	do.....	do.....	None.	1
7	30	F.	W.	<i>B. typhosus</i>.....	.....	1912	1
8	26	F.	W.	do.....	<i>B. typhosus</i>	1913	1
9	48	M.	C.	<i>B. paratyphosus B.</i>.....	.....	1903	2
10	43	F.	W.	<i>B. paratyphosus B.</i>.....	.....	None.	1

a Seventeen cases traceable since 1903. Most of these in West Virginia, the former residence of the carrier, who, at the time this report was made, was a resident of Cumberland, Md.

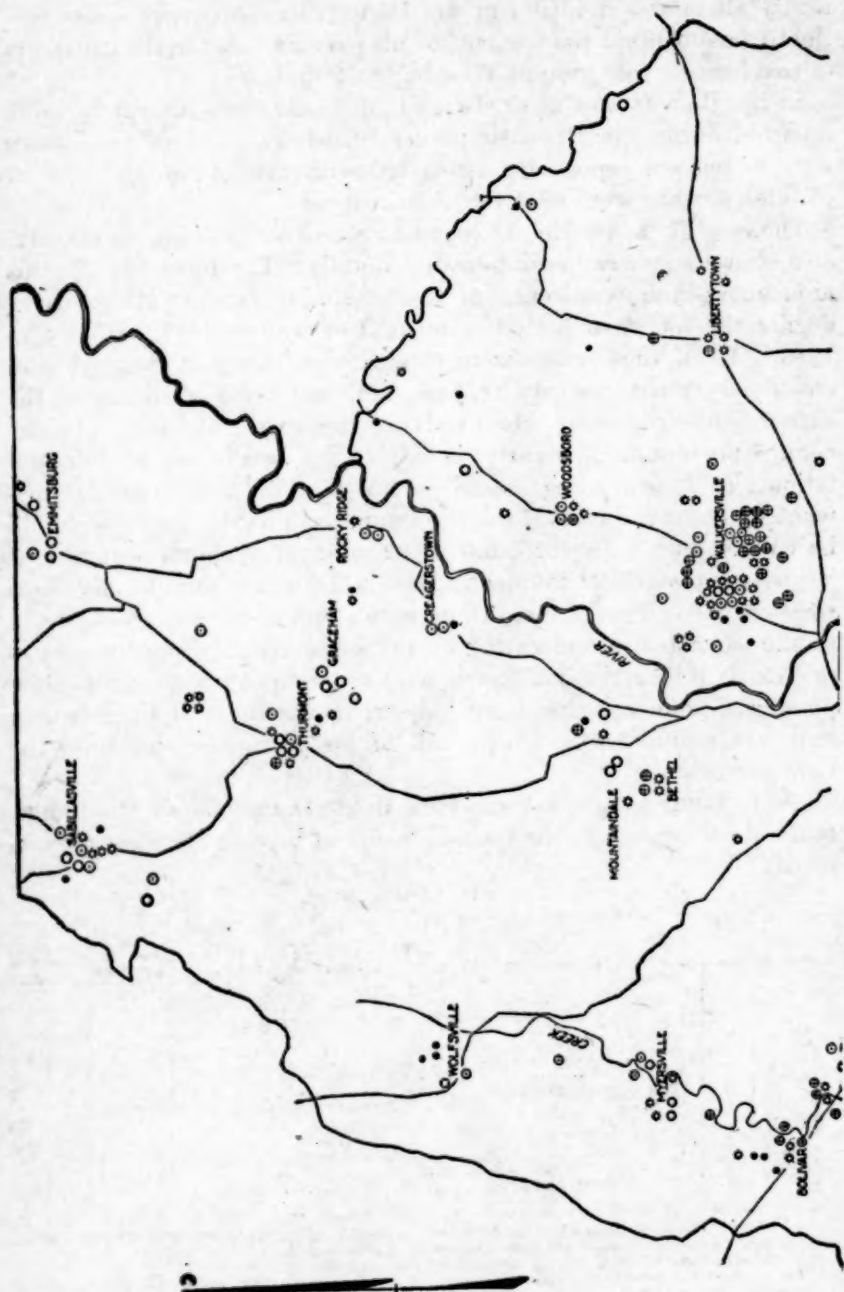
b Suspicious history in April, 1920; culture obtained Aug. 10, 1920.

c *B. paratyphosus A* according to diagnosis at the Hygienic Laboratory of the U. S. Public Health Service.

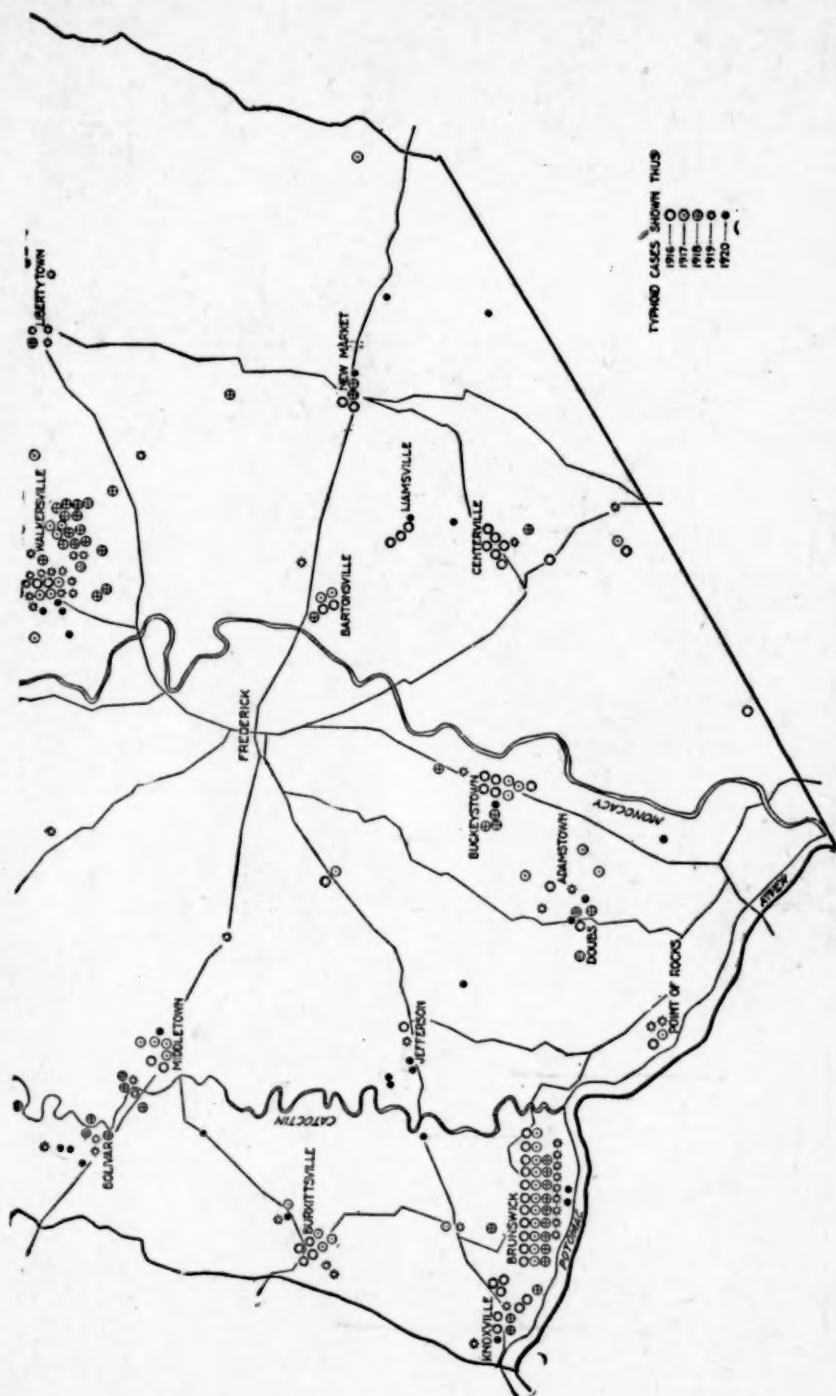
d See sample history No. 4.

e See sample history No. 3.

f Estimated population 200 to 300 (variable).



September 1, 1922.



Carriers and Extra Focal Infection.

The possible relation of carriers to the occurrence of typhoid at more or less distant points, is worthy of mention. Five of the carriers found, Nos. 1, 2, 3, 6, and 10, were directly associated with the production of milk on farms from which milk was shipped to distant points each day. In four instances the milk was pasteurized before consumption. As far as could be learned, no milk outbreaks had occurred during the year 1920 traceable to any of these supplies.

Three other carriers, Nos. 4, 5, and 9, live on the watershed of a stream used as a source of water supply for a city whose population is 28,096. All three live less than a mile from the stream, and less than a mile above the point of intake of the public water supply. This water, however, is carefully filtered and chlorinated before consumption, but any interruption of such treatment would open up a channel of infection continuously subject to the possibility of fresh pollution close at hand. In past years this city has had a relatively high typhoid rate, but pollution of the water supply by these carriers, as a factor in the causation of this high typhoid rate, is a matter of conjecture.

Conclusions.

This study would seem to indicate direct contact with bacteriologically demonstrable typhoid carriers as the most prolific source of endemic rural typhoid, and direct contact with unrecognized cases as the next most important source.

The endemic typhoid history of the two counties studied, in former years, as indicated by focal lists, apparently shows a higher percentage of cases secondary to contact with reported cases during the active and convalescent stages, than was found in the cases for the year 1920.

It seems probable that if it could be shown that over 50 per cent of the group of typhoid cases studied had dangerous contact with demonstrated carriers, or with unrecognized clinical cases, there must have been additional cases who had such contact not brought out in the history obtained.

It is believed that the above experience is not unusual in the counties studied. In areas where carriers were found, the relationship of the carriers to cases reported in previous years seemed strongly to suggest carrier infection. It therefore does not seem to be an exaggeration to state that probably more than 30 per cent of cases of endemic rural typhoid fever reported each year in these counties are traceable to contact with chronic carriers, and more than 20 per cent to contact with unrecognized cases. It may be that such a conclusion has a very much wider geographic application. If this is

found to be true, the demonstration of carriers, as well as practical measures for the prevention of the spread of typhoid by carriers, should receive more careful consideration than has been given in the past. Better notification in suspected cases, with prompt institution of prophylactic measures, would also seem to be an important factor in the control of rural typhoid.

Polluted rural water supplies and insanitary privy conditions were not shown to be a prominent factor in the causation of this group of cases. This may be due to the fact that cases associated with demonstrable sources of infection gave history of direct contact with these sources. Six of the ten carriers demonstrated lived in homes provided with protected water supplies and sanitary privies or closets. Protection of water supplies and sanitation of privies are, no doubt, extremely important antityphoid measures which should be carried out with all vigor in rural communities, but it may be that these measures do not play as large a part in the prevention of endemic rural typhoid as has been believed.

The method of investigation outlined shows many opportunities for refinement and extension. Its simplicity, however, permits its trial by county health officers and other field investigators in rural communities in connection with routine typhoid work.

Appendix.

Typhoid list, Hancock, Pectonville area (W-1).

1916.

Name.	Address.	Date.	Householder.
Harry A. ¹	Hancock	August...	Harry A.
John B.	Fearre	September	John B.
Leo C.	Hancock, R. D.	do.	Leo C.
Perry D.	Hancock	October...	Perry D.
Katherine E.	do.	do.	E. E.
Mrs. H. F.	Pectonville.	do.	Harry F.
Daisy F.	do.	November	Harry F.

1917.

Sallie G.	Pectonville.	January...	Garrett G.
Harry F.	do.	do.	Harry F.
Louisa F.	do.	do.	Harry F.
Katie H.	Hancock	March...	Levi H.
Willard G.	Millstone.	April...	Daniel G.
Roy J.	Hancock	May...	Mrs. S. J.
Mrs. Benj. K.	do.	June...	Mrs. Benj. K.
Jesse L.	do.	do.	W. G. L.
Marshall M.	Long Hollow.	do.	T. G. M.
Dorothy N.	Pectonville.	August...	F. E. N.
Lena G.	do.	do.	Harry G.
Maryanne O.	Hancock	do.	Roy O.
Mary P.	do.	do.	L. E. P.
Mrs. Nevin Q.	Pectonville.	September	Mr. Nevin Q.
Mary R.	do.	do.	Geo. R.
Geo. S.	Hancock	do.	Geo. S.
Wm. R.	Pectonville.	October...	Lucy R.
Chas. T.	Hancock	do.	Chas. T.
Mabel U.	Exline.	do.	Thos. U.

¹ The letters (A, B, C, AA, BB, CC, etc.) used in lieu of surnames are not initial letters but are arbitrarily assigned, each letter or letter-combination signifying a particular surname. Where the same letter recurs in the list, reference to the householder will show whether the successive cases are in the same household or in different households having the same name.

Typhoid list, Hancock, Pectonville area (W-1)—Continued.

1917.

Name.	Address.	Date.	Householder.
Mrs. Lucy V.....	Tonoloway Orchard.	October...	Mrs. Lucy V.
Albert W.....	Hancock.....	do.....	Albert W.
Alice X.....	do.....	do.....	Frank X.
Francis Y.....	do.....	do.....	Jean Y.
Earl Z.....	do.....	do.....	Scott X.
M. A. F. X.....	do.....	do.....	C. W. X.
Gregory Y.....	do.....	do.....	Jean Y.
Mrs. R. M. AA.....	do.....	November	R. M. AA.
Richard BB.....	Millstone, R. D.....	do.....	Richard BB.
John CC.....	Hancock, R. D.....	do.....	John CC.
Jas. DD.....	Hancock.....	do.....	Grant DD.
Mrs. Clayton EE.....	do.....	do.....	Clayton EE.

1918.

Nervy FF.....	Millstone.....	February..	Joseph FF.
Lynwood V.....	Hancock, R. D.....	August....	Mrs. Dennis V.
Mamie GG.....	Pectonville, R. D.....	do.....	Edward GG.
Mrs. Casin HH.....	Pectonville.....	September	Ed. HH.
R. A.....	Hancock.....	do.....	Wm. A.
Allen JJ.....	do.....	do.....	Allen JJ.
Nellie KK.....	Pectonville.....	October....	Thomas KK.
Brook LL.....	Hancock.....	do.....	Rev. W. B. LL.
Rosella EE.....	do.....	do.....	Wm. C. EE.
Leona MM.....	Hancock, R. D.....	November..	Harry MM.
Esther NN.....	Millstone.....	December..	Dallis NN.
Milton OO.....	Hancock.....	do.....	Milton OO.

1919.

Jack PP.....	Hancock.....	February..	Jack PP.
Marvin QQ.....	Big Pool, R. D.....	July.....	Marvin QQ.
Viola QQ.....	do.....	do.....	Do.
Chas. E. RR.....	Indian Spring.....	do.....	Chas. E. RR.
Lillie G.....	Hancock.....	August....	Claude C. G.
Aubrey W. SS.....	Hancock, R. D.....	do.....	S. C. SS.
Virginia SS.....	Hancock.....	September	H. C. SS.
Leslie TT.....	Indian Spring.....	do.....	Bruce TT.
Paul UU.....	do.....	October....	V. C. UU.
Ruby UU.....	do.....	do.....	Do.
Samuel VV.....	do.....	do.....	John VV.
Rose V. XX.....	Hancock, R. D.....	do.....	Guy XX.
John YY.....	Hancock.....	do.....	John YY.
John ZZ.....	do.....	November..	John ZZ.
Catherine VV.....	Indian Spring.....	December..	Mrs. S. E. VV.

¹ Four miles west of Hancock.

SAMPLE TYPHOID CASE HISTORIES.

SAMPLE HISTORY NO. 1.

COUNTY: Washington.

FOCAL AREA: W-1.

NAME OF HOUSEHOLDER: Frank W.

NAME OF PATIENT: Catherine W.

AGE: 7. SEX: Female. COLOR: White.

NO. IN FAMILY: 4. ADULTS: 2. CHILDREN: 2.

MILK BOUGHT: Geo. W.

(father of Mr. W., Millstone, R. D.) USED BY PATIENT? Yes, as beverage.

MILK SOLD: None.

BUTTER SOLD: None.

WATER SUPPLY: Dug well.

ANALYSIS: None. RESULT:

PROTECTED FROM SURFACE DRAINAGE? Yes.

SEWAGE DISPOSAL: Privy, "E" type.

CONDITION: Fair.

DISTANCE OF WATER SUPPLY FROM PRIVY: 75 ft.

DRAINAGE: Towards. Away.

DISTANCE OF WATER SUPPLY FROM BARNYARD: No barnyard.

PROPHYLAXIS: Hospital. Nurse. Bedroom. Immunization of family.

EXCRETA DISINFECTED? Yes. DISPOSAL: Buried.

CASE HISTORY.

EVER IMMUNIZED? No.

PREVIOUS TYPHOID? No.

WIDAL: Positive. BLOOD CULTURE: None taken.

PLACES OF CONTACT WITHIN 30 DAYS OF ONSET: LOCAL—Only at Millstone; visited only one house, that of the McC. family, one-fourth mile away; no meal eaten there. FOREIGN—Visited Washington, D. C., with mother, father, and sister on Sept. 1, 1920; stayed only a few hours; went by automobile and took lunch along; purchased bananas and coca-cola at fruit stand in Washington, exact location unknown. Did not visit anyone and ate no meals except lunch prepared at Millstone before departure.

FAMILY HISTORY: Mother had severe attack of typhoid in 1912, followed by abscess in her "side;" had frequent attacks of abdominal trouble with pain in right side. No other typhoid history.

HISTORY OF TYPHOID IN PERSONAL CONTACTS: There was no history of contact within 30 days of onset with any person on the focal list, or otherwise known to have had typhoid, or the members of the family of any such person, with the exception of the mother.

VISITORS: The only visitor eating a meal at the W. home was the patient's grandfather, Henry H., who has never had typhoid. The only other visitors were the McC. children, playmates of the W. children.

CONTACT WITH UNREPORTED CASES: Lucille W., age 12, sister of the patient, was sick for about one week, Sept. 19 to 26. The attending physician thought she might be developing typhoid, but her symptoms cleared up on Sept. 23. At about the same time two of the McC. children had similar symptoms. Mrs. W. attributed all of the cases to bathing in the C. & O. Canal near by, as the children were wading or bathing there almost every day. (All cases probably primary—three suspected cases and one positive case.)

SUSPECTED SOURCES: Mrs. W. suspected carrier;¹ C. & O. Canal polluted water.

SAMPLE HISTORY NO. 2.

COUNTY: Frederick.

FOCAL AREA: F-3.

NAME OF HOUSEHOLDER: J. I. L.

NAME OF PATIENT: Wm. L.

AGE: 7. SEX: Male. COLOR: White.

NO. IN FAMILY: 4. ADULTS: 2. CHILDREN: 2. OTHER CASES IN FAMILY? Yes, one—

Flossie S., age 16, colored domestic; onset April 2, 1920.

MILK BOUGHT: None, home supply. USED BY PATIENT? Yes, as beverage.

MILK SOLD: Washington, D. C., through Chapin-Sacks Creamery, Buckeystown. BUTTER SOLD: None.

WATER SUPPLY: Dug well. ANALYSIS: Yes. RESULT: Slightly polluted.

PROTECTED FROM SURFACE DRAINAGE? Yes.

SEWAGE DISPOSAL: A type sanitary can privy. CONDITION: Good.

DISTANCE OF WATER SUPPLY FROM PRIVY: 150 ft. DRAINAGE: Towards, Away.

DISTANCE OF WATER SUPPLY FROM BARNYARD: 300 ft. DRAINAGE: Towards, Away.

PROPHYLAXIS: Hospital Nurse. Bedroom. Immunization of family.

EXCRETA DISINFECTED? Yes.

DISPOSAL: Buried.

CASE HISTORY.

EVER IMMUNIZED? No.

PREVIOUS TYPHOID? No.

WIDAL: Positive.

BLOOD CULTURE: None taken.

PLACES OF CONTACT WITHIN 30 DAYS OF ONSET: LOCAL—Only at home and at school; carried lunch to school; drank water there. FOREIGN: None.

FAMILY HISTORY: No previous typhoid.

HISTORY OF TYPHOID IN PERSONAL CONTACTS: None, except colored domestic mentioned above who prepared meals while sick; focal list showed no case in this section of F-3.

VISITORS: On March 9 an aunt of patient, Mrs. Susan S., living at Cumberland, Md., arrived for a visit. She stayed until March 20, helping to prepare meals. Informant did not know of any history of typhoid in the aunt.

CONTACT WITH UNREPORTED CASES: On March 19 the father of the patient went to the hospital for an operation for bladder stone; he had no typhoid symptoms as far as could be learned. No other history.

SUSPECTED SOURCES: Mrs. Susan S., suspected carrier (also source for Flossie S.); Flossie S., colored domestic (infectious before onset on Apr. 1? Short incubation in second case?); polluted water.

¹ Feces culture showed *B. typhosus* (carrier No. 7).

² Health officer of Cumberland, Md., was requested to obtain feces and urine cultures on Mrs. Susan S. Feces culture showed *B. typhosus*. Also obtained history of suspected typhoid in 1903. Seventeen cases of typhoid have occurred in her family and persons boarding with her since 1903, most of these in Romney, W. Va. (carrier no. 1).

SAMPLE HISTORY NO. 3.

COUNTY: Washington. ADDRESS: Security.
 FOCAL AREA: W-6. DATE OF INVESTIGATION: November 15, 1920.
 NAME OF HOUSEHOLDER: Jas. D. OCCUPATION: Pie vender.
 NAME OF PATIENT: Mansfield S. OCCUPATION: Cement mill laborer.
 AGE: 19. SEX: Male. COLOR: Colored. DATE OF ONSET: November 1, 1920.
 NO. IN FAMILY: 7. ADULTS: 4. CHILDREN: 3. OTHER CASES IN FAMILY? No.
 MILK BOUGHT: S. dairy, Bridgeport Rd. USED BY PATIENT? Only in coffee.
 MILK SOLD: None. BUTTER SOLD: None.
 WATER SUPPLY: Public supply, Security. ANALYSIS: None. RESULT:
 PROTECTED FROM SURFACE DRAINAGE:
 SEWAGE DISPOSAL: "A" type concrete pit sanitary privy. CONDITION: Good.
 DISTANCE OF WATER SUPPLY FROM PRIVY: DRAINAGE: Towards. Away.
 DISTANCE OF WATER SUPPLY FROM BARNYARD: DRAINAGE: Towards. Away.
 PROPHYLAXIS: Hospital. Nurse. Bedroom. Immunization of family.
 EXCRETA DISINFECTED: Yes, at hospital. DISPOSAL: Sewer at hospital.

CASE HISTORY.

EVER IMMUNIZED? No.
 PREVIOUS TYPHOID? No.
 WIDAL: Positive. BLOOD CULTURE: None.
 PLACES OF CONTACT WITHIN 30 DAYS OF ONSET: LOCAL—Only at Security and Hagerstown;
 ate no meals except at home at Security; drinking water while at work—Security public supply.
 FOREIGN: None.
 FAMILY HISTORY: Stepfather, age 48, had typhoid in 1903; for years after had some chronic abdominal
 trouble which he thought was "kidney trouble." Has not noticed this trouble for the past two years.
 Brother, James S., age 19, laborer at cement mill, had typhoid in June, 1920.
 HISTORY OF TYPHOID IN PERSONAL CONTACTS: The focal list shows four cases for Security for
 the years 1916-1919, all four colored; all have been associates of the family of the patient, and one a
 cousin of the stepfather. None of these four old cases lives at Security now. (Only about 10 per cent of
 the population of Security is colored.) During April, May, June, and July, 1920, 8 cases occurred at
 Security—7 white, and 1 colored (James S.). Two carriers, an Italian laborer and his son, were found
 in close association with these cases and were considered to be the sources of infection. From October
 26 to December 2, 1920, an outbreak of 23 cases occurred at Security. This was attributed to an
 unwarranted reduction in the treatment of the public water supply. Mansfield S. was one of the two
 colored cases in this group.
 VISITORS: No history.
 CONTACT WITH UNREPORTED CASES: No history.
 SUSPECTED SOURCES: Security water supply; James D., suspected carrier.³

SAMPLE HISTORY NO. 4.

COUNTY: Frederick. ADDRESS: Middletown, R. D.
 FOCAL AREA: F-2. DATE OF INVESTIGATION: December 20, 1920.
 NAME OF HOUSEHOLDER: Foster A. OCCUPATION: Dairy farmer.
 NAME OF PATIENT: Frances A. OCCUPATION: School girl.
 AGE: 9. SEX: Female. COLOR: White. DATE OF ONSET: November 30, 1920.
 NO. IN FAMILY: 11. ADULTS: 2. CHILDREN: 9. OTHER CASES IN FAMILY: No.
 MILK BOUGHT: None, home supply. USED BY PATIENT? Yes, as a beverage.
 MILK SOLD: Yes: S Creamery, Middletown, Md. BUTTER SOLD: No.
 WATER SUPPLY: Spring. ANALYSIS: None. RESULT:
 PROTECTED FROM SURFACE DRAINAGE: Yes.
 SEWAGE DISPOSAL: "D" type privy. CONDITION: Good.
 DISTANCE OF WATER SUPPLY FROM PRIVY: 150 feet. DRAINAGE: Towards. Away.
 DISTANCE OF WATER SUPPLY FROM BARNYARD: 400 feet. DRAINAGE: Towards. Away.
 PROPHYLAXIS: Hospital. Nurse. Bedroom. Immunization of family.
 EXCRETA DISINFECTED: Yes. DISPOSAL: Buried.

CASE HISTORY.

EVER IMMUNIZED? No.
 PREVIOUS TYPHOID? No.
 WIDAL: None taken. BLOOD CULTURE: None taken.
 PLACES OF CONTACT WITHIN 30 DAYS OF ONSET: LOCAL—Only at home and at school, about
 1 mile from home; carried lunch to school; drank water there obtained from the farm of Joseph R. Case
 of typhoid in a child on the R farm, September 19, 1919, none since; no other cases at school. FOR-
 EIGN—None.

³ Feces culture showed *B. paratyphosus Beta* (carrier No. 9).

FAMILY HISTORY: No previous typhoid in the immediate family; mother of patient has had frequent gall stone attacks for six or seven years. The focal list shows the following cases of typhoid in associates and relatives of the family in previous years: 1917—A minister, Wm. H., and Mrs. E. S., an aunt of the patient, both frequent visitors. 1918—Kate S., an aunt of the patient, and her housekeeper, Mary C. (see VISITORS), also Walter C., employed at the creamery of C. M. S., where the patient's father sells his milk; all associates of the A family. 1919—James S. and Mrs. F. S., aunt and uncle of the patient. 1920—C. M. S., creameryman, cousin of the patient, and Earl P., a cousin. (Contact of these cases with the A family could not be definitely shown to have occurred within 30 days of onset.)⁴

HISTORY OF TYPHOID IN PERSONAL CONTACTS: There was no history of contact within 30 days of onset with persons appearing on the focal lists, or otherwise known to have had typhoid, with the exception of that given under "VISITORS."

VISITORS: Two persons appearing on the focal list visited the A home almost every week, Kate S., aunt of the patient, and Mary C., her housekeeper. Both had typhoid in September, 1918. Both frequently ate meals at the A home.

CONTACT WITH UNREPORTED CASES: None.

SUSPECTED SOURCES: Mrs. Foster A., suspected carrier;⁵ Kate S., suspected carrier; Mary C. suspected carrier; polluted drinking water, farm of Jos. R.

Populations.

Washington County.

Town.	Population.	Focal area.
Washington County.....	59,694	.....
Hancock.....	972	W-1
Williamsport.....	1,615	W-2
Funkstown.....	620	W-2
Sharpsburg.....	832	W-3
Boonesboro.....	1,044	W-5
Keedysville.....	394	W-5
Smithsburg.....	586	W-7
Clear Spring.....	538	.....
Hagerstown.....	23,034	.....

Frederick County.

Town.	Population.	Focal area.
Frederick County.....	52,541	.....
Middletown.....	749	F-2
Brunswick.....	3,005	F-3
Burkittsville.....	200	F-3
Thurmont.....	1,074	F-4
Emmitsburg.....	940	F-4
Point of Rocks.....	365	F-6
Walkersville.....	596	F-7
Woodsboro.....	385	F-7
New Market.....	274	F-8
Frederick.....	11,066	.....

SMALLPOX OUTBREAK IN GLASGOW SHOWS EFFICACY OF VACCINATION.

Recent figures indicate an increasing prevalence of smallpox. Within the past five years, epidemics have occurred in Scotland, Germany, France, Spain, Australia, Burma, the Philippines, Mexico, Brazil, Argentina, Chile, Costa Rica, Santo Domingo, Canada, and parts of the United States. Case rates per 1,000 population for certain

⁴ On account of time elapsing between their attack and demonstration of carrier No. 10, they were not classified as cases having definite contact with a known carrier within 30 days of onset.

⁵ Feces culture showed *B. paratyphosus* Beta (carrier No. 10).

States of the United States for the first nine months of the years 1920 and 1921,¹ and the median for the years 1913-1920 are as follows:

Year.	Number of States.	Estimated population.	Case rate, January-September.
1921.....	41	90,907,540	1.21
1920.....	40	87,602,619	1.06
Median, 1913-1920.....	39	85,472,801	.60

The smallpox case rates of 20 States (4 Eastern, 7 Southern, 6 Central, and 3 Pacific) from 1915 to 1920 were as follows: 1915, 0.24; 1916, 0.20; 1917, 0.16; 1918, 0.16; 1919, 1.66; 1920, 2.38.

The number of cases in 1921 in 93 cities was reported by the Metropolitan Life Insurance Co. to be 138 per cent greater than that in 1920; and while the number of cases doubled, there were six times the number of deaths in proportion to the number of cases, the case fatality rate rising from 2 per 1,000 in 1920 to 13 per 1,000 in 1921.

The Bureau of the Census gives the death rates per 100,000 population in the registration area for the successive years 1916 to 1920, respectively, as follows: 0.2, 0.3, 0.4, 0.4, and 0.6.

In view of this increasing prevalence of smallpox and evidence that the disease is becoming more virulent as well as more common, recent data bearing upon the extent and efficacy of vaccination are worthy of widespread publicity. The following report is quoted from The Medical Officer for July 8, 1922:²

After a period of 20 years' comparative immunity from smallpox Glasgow was visited in 1920 and the early part of 1921 with an outbreak of smallpox. During this period 578 cases were notified. Twenty years previously (1900-1902) an outbreak of smallpox in Glasgow occurred, with 2,255 cases, and in the following two years (1903-1904) 1,158 cases were reported. The 1920 outbreak was traced to India and Egypt. *The character of this source of invasion differs much from the type introduced from America, and is invariably much more severe.*³ * * *

A valuable and interesting addition has been made to the history of epidemiology in the annual report (1920) of Doctor Chalmers, medical officer of health for the city of Glasgow, which includes an instruction report contributed by Dr. A. S. W. Macgregor, D. P. H., etc., senior assistant medical officer, Glasgow, * * *.

The details given of the Glasgow epidemic confirm and substantiate the claims of those who advocate vaccination.

¹ It is noted that reports to the United States Public Health Service from 39 States (including the District of Columbia) show a large reduction in the number of cases of smallpox for the first six months of 1922 as compared with the corresponding period of 1921. The number of cases reported by these States for the first half of 1921 was 73,448, as against 20,614 for the first half of 1922—a decrease of 52,834, or 71.9 per cent.

² Some Vaccination Aspects: Glasgow Smallpox Epidemic, 1920-21. The Medical Officer, July 8, 1922. Public Vaccination Service Notes, pp. 3, 4.

³ Italics not in original report.

RECENT VACCINATION.

In 1920, during the prevalence of smallpox in Glasgow, it is stated that there were no less than 225,861 vaccinations and revaccinations at the public expense. Doctor Macgregor adds 124,000 as an estimate of the number done in the ordinary course of infantile vaccination, and estimates a further 100,000 ex-service men who were vaccinated during the war. (It is certain also that over 400,000 of the population were vaccinated or revaccinated during the epidemic of 20 years ago.) This mass of vaccinal protection for the city may truly be said to have had its effect on the 1920 outbreak. The greatest test of the efficacy of vaccination is that during epidemics of smallpox in these days practically all known contacts are vaccinated or revaccinated. Having regard to the extraordinary immunity of contacts so protected, and of doctors, nurses, and smallpox hospital staffs, it is surprising that any reasoning person can contest the claim that recent vaccination protects from smallpox attacks.

In prevaccination days this disease was mainly a disease of childhood. Ever since the introduction of vaccination there has been a shifting of the age incidence of smallpox. In prevaccination days the bulk of the population contracted smallpox—those who survived were immunized (though often disfigured and in various other ways permanently damaged). Since the introduction of vaccination that has been changed. At the present time the adult population of this country is in a better state than it has been since the eighteenth century as regards protection from smallpox. This has been brought about by the millions of vaccinations among service men in the Army and Navy during the Great War. Not so the child population, which is becoming less and less protected, owing to the operation of the vaccination act (1907), the effect of which has been to increase enormously the neglect of the vaccination of infants. Doctor Macgregor draws special attention to this and refers to the tendency to return to the age incidence of smallpox, as in the days before vaccination was introduced. Doubtless this will be more apparent in subsequent epidemics.

On this point he says:

The relaxation of the vaccination laws in 1907 has been largely taken advantage of in Scotland. Since that year the proportion of unvaccinated children has been gradually increasing, resulting in the exposure to infection of the more susceptible ages of the population. As might have been expected, and as the event showed, the present invasion of smallpox has tended to fall more heavily among the unvaccinated.

The following table shows the age incidence and mortality among children during the Glasgow outbreak. Striking differences between

the vaccinated and the unvaccinated are recorded. The very convincing contrasts should be carefully noted, affording as they do ample proof of the soundness of the case for vaccination:

Attacks among children, Glasgow, 1920-21.¹

Age group.	Vaccinated.	Died.	Mortality.	Unvaccinated.	Died.	Mortality.
			<i>Per cent.</i>			<i>Per cent.</i>
0-1.....	0	0	0	16	11	68.7
1-5.....	1	0	0	32	11	34.3
5-10.....	8	0	0	41	10	24.3
10-15.....	21	0	0	23	6	26.0
Total.....	30	0	0	112	38	33.9

¹ This table includes 5 cases of children attacked after the publication of Doctor Macgregor's report, of whom 4 were unvaccinated.

Among the living in Glasgow at the time of the epidemic, there would be only a relatively small number of persons over the age of 15 years who had not been vaccinated in infancy, as the statistics of primary vaccination of children show that about 84 per cent were at that time vaccinated; and 10 per cent died before vaccination. At ages above 10 years it is known that vaccination (primary infantile vaccination) can not be relied on to prevent or diminish the liability to attack by smallpox. After the period of highest potency to protect from attack has lapsed, the Glasgow epidemic shows again that among the vaccinated at the later age periods there remains the power to modify the character and severity of the disease. In regard to the value of infant vaccination against not only attack but also death, the above table is instructive. It will be seen that amongst those who were attacked at ages up to 15 years, there were 30 vaccinated—of these none died. But among those unvaccinated at the same ages, there were 112 cases, with no less than 38 deaths.

SMALLPOX MITIGATED, GLASGOW, 1920-21.

As showing the severity of the disease in relation to age and vaccination, Doctor Macgregor publishes the following table:

	Vaccinated.			Unvaccinated.		
	Number of cases.	Severe.	Percentage of severe.	Number of cases.	Severe.	Percentage of severe.
Under 15 years.....	29	1	3.4	107	45	42.0
Over 15 years.....	367	58	15.8	15	11	73.3
Total.....	396	59	14.9	122	56	46.0

(After the above tables were compiled, additional cases of smallpox were notified—36 cases; of these there were no deaths and only one case at ages from 10-15 years in the vaccinated group.)

DOUBTFUL CASES, GLASGOW, 1920-21.

Special mention is made of 21 "doubtful" cases. These had no vaccination cicatrix, nor any mark suggesting that they had been vaccinated before exposure to infection. Of these, 9 died. Only one of these cases was in the age group 10-15 years.

SUMMARY.

No vaccinated person in the Glasgow epidemic (1920-21) under 15 years died.

At the ages 15-20 there were 62 cases vaccinated and only 2 deaths.

The mortality among the vaccinated in infancy fell chiefly among those in the age groups from 35 years and over.

On the other hand, the unvaccinated cases present a remarkable contrasting picture. No less than 112 cases out of a total of 128 were at the ages in the group 0-1-15 years. Of these, 38 died.

An analysis of the 112 cases (unvaccinated) is useful. Under 1 year of age were included 16 cases. Of these the large proportion of 11 died.

At ages 1-5 years, there were 32 children attacked. Of these, 11 died.

In the same group (112 cases of unvaccinated children) were 64 cases at ages 5-15 years; and of these, 16 died.

As Doctor Chalmers points out, the tables are well worth close examination, and show the value of vaccination against both attack and death in the earlier periods of life.

DEATHS DURING WEEK ENDED AUGUST 19, 1922.

Summary of information received by telegraph from industrial insurance companies for week ended August 19, 1922, and corresponding week 1921. (From the Weekly Health Index, August 22, 1922, issued by the Bureau of the Census, Department of Commerce.)

	Week ended Aug. 19, 1922.	Corresponding week 1921.
Policies in force.....	49,817,308	45,662,669
Number of death claims.....	7,425	6,991
Death claims per 1,000 policies in force, annual rate.....	7.8	8.0

Deaths from all causes in certain large cities of the United States during the week ended August 19, 1922, infant mortality, annual death rate, and comparison with corresponding week of 1921. (From the Weekly Health Index, August 22, 1922, issued by the Bureau of the Census, Department of Commerce.)

City.	Estimated population July 1, 1922.	Week ended Aug. 19, 1922.		Annual death rate per 1,000, corresponding week 1921.	Deaths under 1 year.		Infant mortality rate, week ended Aug. 19, 1922.*
		Total deaths.	Death rate. ¹		Week ended Aug. 19, 1922.	Corresponding week 1921.	
Total.....	27,927,877	5,751	10.7	10.5	911	979	.....
Akron, Ohio.....	208,435	16	4.0	7.1	3	13	32
Albany, N. Y.....	116,223	28	12.6	13.6	1	6	22
Atlanta, Ga.....	220,047	87	20.6	11.6	3	6	.....
Baltimore, Md.....	762,222	179	12.2	13.7	33	35	93
Birmingham, Ala.....	191,017	38	10.4	11.8	7	10	.....
Boston, Mass.....	704,017	106	13.4	10.6	40	32	107
Bridgeport, Conn.....	143,555	28	10.2	5.6	1	5	12
Buffalo, N. Y.....	523,163	109	10.5	10.7	21	22	83
Cambridge, Mass.....	110,944	17	8.0	10.4	3	6	55
Camden, N. J.....	121,915	26	11.1	8.3	6	8	92
Chicago, Ill.....	2,833,288	512	9.4	8.9	103	102	.....
Cincinnati, Ohio.....	404,865	103	13.3	13.7	7	12	47
Cleveland, Ohio.....	854,003	138	8.4	10.8	24	26	62
Columbus, Ohio.....	253,455	63	13.0	11.1	7	7	74
Dallas, Tex.....	171,974	35	10.6	11.0	8	8	.....
Dayton, Ohio.....	161,824	27	8.7	9.9	5	8	85
Denver, Colo.....	267,591	68	13.3	12.7	9	8	.....
Detroit, Mich.....	993,678	188	9.9	9.6	40	52	77
Fall River, Mass.....	120,790	34	16.4	11.2	8	10	112
Fort Worth, Tex.....	114,717	19	8.6	.....	2	.....	.....
Grand Rapids, Mich.....	143,572	25	9.1	11.4	3	2	50
Houston, Tex.....	150,087	29	10.1	10.5	4	2	.....
Indianapolis, Ind.....	333,257	79	12.4	11.0	14	9	107
Jersey City, N. J.....	305,911	74	12.6	8.8	19	12	121
Kansas City, Mo.....	343,988	73	11.1	10.1	10	10	100
Los Angeles, Calif.....	634,866	155	12.7	12.1	24	13	.....
Louisville, Ky.....	226,877	54	11.9	14.4	1	5	11
Lowell, Mass.....	114,423	25	11.4	12.4	9	9	151
Memphis, Tenn.....	167,862	58	18.0	14.8	6	6	.....
Milwaukee, Wis.....	476,603	68	7.4	7.7	7	10	34
Minneapolis, Minn.....	400,970	86	11.2	7.4	8	7	44
Nashville, Tenn.....	122,832	34	14.4	14.5	6	4	.....
New Bedford, Mass.....	127,542	29	11.9	9.2	7	8	104
New Haven, Conn.....	169,987	51	15.6	12.2	9	4	110
New Orleans, La.....	399,616	133	17.4	17.2	10	19	.....
New York, N. Y.....	5,839,746	1,044	9.3	9.8	177	216	69
Newark, N. J.....	431,792	79	9.5	10.3	12	28	53
Norfolk, Va.....	124,915	30	12.5	12.5	3	5	53
Oakland, Calif.....	233,279	42	9.4	9.9	8	2	101
Omaha, Nebr.....	200,739	42	10.9	13.2	6	4	65
Paterson, N. J.....	138,521	27	10.2	12.5	4	1	62
Philadelphia, Pa.....	1,894,500	389	10.7	11.1	71	61	84
Pittsburgh, Pa.....	607,902	142	12.2	12.1	29	30	93
Portland, Oreg.....	269,240	49	9.5	8.5	3	2	30
Providence, R. I.....	241,011	48	10.4	12.6	8	14	63
Richmond, Va.....	178,365	37	10.8	13.1	8	12	97
Rochester, N. Y.....	311,548	60	10.0	10.4	14	10	108
St. Louis, Mo.....	795,008	163	10.7	9.6	9	15	.....
St. Paul, Minn.....	239,836	45	9.8	7.2	8	4	75
Salt Lake City, Utah.....	123,918	17	7.2	8.1	0	4	0
San Antonio, Tex.....	178,056	47	13.8	.....	8	.....	.....
San Francisco, Calif.....	529,792	138	13.6	12.5	9	6	52
Seattle, Wash.....	315,312	54	8.9	7.8	1	6	85
Spokane, Wash.....	104,445	18	9.0	11.0	4	2	85
Springfield, Mass.....	140,052	30	11.2	14.6	2	6	30
Syracuse, N. Y.....	181,012	36	10.4	12.1	8	7	96
Toledo, Ohio.....	280,717	70	14.0	10.7	7	6	68
Trenton, N. J.....	125,075	35	14.6	16.1	5	4	77
Washington, D. C.....	347,571	107	12.8	11.7	12	22	69
Wilmington, Del.....	115,568	32	14.4	10.1	9	6	175
Worcester, Mass.....	188,449	46	12.7	11.0	10	5	108
Yonkers, N. Y.....	105,422	23	11.4	6.6	6	2	125
Youngstown, Ohio.....	144,970	13	4.7	6.7	2	4	26

¹ Annual rate per 1,000 population.

² Deaths under 1 year per 1,000 births—an annual rate based on deaths under 1 year for the week and estimated births for 1921. Cities left blank are not in the registration area for births.

³ Enumerated population Jan. 1, 1920.

PREVALENCE OF DISEASE.

No health department, State or local, can effectively prevent or control disease without knowledge of when, where, and under what conditions cases are occurring.

UNITED STATES.

CURRENT STATE SUMMARIES.

Telegraphic Reports for Week Ended August 26, 1922.

These reports are preliminary, and the figures are subject to change when later returns are received by the State health officers.

ALABAMA.		Cases.	CONNECTICUT.		Cases.
Dengue.....		1	Cerebrospinal meningitis.....		3
Diphtheria.....		54	Diphtheria.....		24
Hookworm disease.....		74	Dysentery (bacillary).....		1
Influenza.....		3	German measles.....		2
Malaria.....		55	Lethargic encephalitis.....		4
Pneumonia.....		1	Measles.....		19
Scarlet fever.....		12	Mumps.....		5
Tuberculosis.....		10	Paratyphoid fever.....		1
Typhoid fever.....		40	Pneumonia (lobar).....		10
ARKANSAS.			Poliomyelitis.....		3
Chicken pox.....		4	Scarlet fever.....		14
Diphtheria.....		10	Tetanus.....		1
Influenza.....		3	Tuberculosis (all forms).....		39
Malaria.....		100	Typhoid fever.....		11
Pellagra.....		9	Whooping cough.....		26
Poliomyelitis.....		1	DELAWARE.		
Scarlet fever.....		10	Diphtheria.....		3
Smallpox.....		1	Malaria.....		1
Trachoma.....		1	Scarlet fever.....		2
Tuberculosis.....		19	Tuberculosis.....		8
Typhoid fever.....		17	Typhoid fever.....		6
Whooping cough.....		13	FLORIDA.		
CALIFORNIA.			Cerebrospinal meningitis.....		1
Cerebrospinal meningitis—Los Angeles.....		1	Diphtheria.....		19
Diphtheria.....		80	Dengue.....		294
Influenza.....		4	Influenza.....		81
Lethargic encephalitis—Los Angeles.....		1	Malaria.....		56
Measles.....		6	Pneumonia.....		24
Scarlet fever.....		16	Smallpox.....		1
Smallpox.....		20	Typhoid fever.....		11
Typhoid fever.....		18	GEORGIA.		
COLORADO			Chicken pox.....		2
(Exclusive of Denver).			Conjunctivitis (acute infectious).....		12
Cerebrospinal meningitis.....		2	Dengue.....		118
Chicken pox.....		2	Diphtheria.....		49
Diphtheria.....		5	Dysentery (bacillary).....		3
Dysentery.....		1	Hookworm disease.....		12
Scarlet fever.....		2	Influenza.....		18
Tuberculosis.....		40	Malaria.....		142
Typhoid fever.....		17	Measles.....		1
Whooping cough.....		4	Paratyphoid fever.....		3

GEORGIA—continued.

	Cases.
Pellagra.....	1
Pneumonia.....	4
Scarlet fever.....	14
Septic sore throat.....	2
Smallpox.....	5
Tuberculosis (pulmonary).....	7
Typhoid fever.....	66
Whooping cough.....	2

ILLINOIS.

Cerebrospinal meningitis:	
Boone County.....	1
Cook County.....	1
St. Clair County.....	1
Diphtheria:	
Chicago.....	61
Scattering.....	71
Influenza.....	83
Pneumonia.....	247
Scarlet fever:	
Chicago.....	14
Scattering.....	35
Smallpox.....	2
Typhoid fever.....	59
Whooping cough.....	175

INDIANA.

Diphtheria.....	23
Poliomyelitis:	
Porter County.....	1
Ripley County.....	1
Scarlet fever.....	21
Smallpox.....	1
Typhoid fever.....	24

IOWA.

Diphtheria.....	14
Scarlet fever.....	9
Smallpox.....	2
Typhoid fever.....	10

KANSAS.

Cerebrospinal meningitis.....	2
Chicken pox.....	4
Diphtheria.....	38
Dysentery (bacillary).....	1
Malaria.....	3
Measles.....	5
Mumps.....	1
Pneumonia.....	5
Scarlet fever.....	39
Smallpox.....	1
Tetanus.....	1
Trachoma.....	2
Tuberculosis.....	20
Typhoid fever.....	37
Whooping cough.....	30

LOUISIANA.

Diphtheria.....	19
Malaria.....	71
Poliomyelitis.....	1
Scarlet fever.....	13
Typhoid fever.....	32

¹ Week ended Friday.MARYLAND.¹

	Cases.
Cerebrospinal meningitis.....	4
Chicken pox.....	3
Diarrhea.....	9
Diphtheria.....	20
Dysentery.....	8
Influenza.....	7
Malaria.....	21
Measles.....	15
Mumps.....	7
Ophthalmia neonatorum.....	1
Paratyphoid fever.....	2
Pneumonia (all forms).....	16
Scarlet fever.....	16
Septic sore throat.....	1
Smallpox.....	4
Tuberculosis.....	90
Typhoid fever.....	57
Whooping cough.....	26

MASSACHUSETTS.

Cerebrospinal meningitis.....	2
Chicken pox.....	12
Conjunctivitis (suppurative).....	7
Diphtheria.....	138
Dysentery.....	1
German measles.....	3
Influenza.....	3
Measles.....	65
Mumps.....	15
Ophthalmia neonatorum.....	12
Pneumonia (lobar).....	21
Poliomyelitis.....	16
Scarlet fever.....	33
Septic sore throat.....	1
Tetanus.....	1
Trachoma.....	2
Tuberculosis (all forms).....	126
Typhoid fever.....	28
Whooping cough.....	104

MINNESOTA.

Cerebrospinal meningitis.....	1
Chicken pox.....	4
Diphtheria.....	62
Measles.....	1
Pneumonia.....	1
Poliomyelitis.....	3
Scarlet fever.....	58
Smallpox.....	9
Tuberculosis.....	56
Typhoid fever.....	20
Whooping cough.....	6

MISSISSIPPI.

Diphtheria.....	54
Poliomyelitis.....	1
Scarlet fever.....	6
Smallpox.....	4
Typhoid fever.....	34

MISSOURI.

Chicken pox.....	7
Diphtheria.....	47
Influenza.....	2

MISSOURI—continued.

	Cases.
Measles.....	5
Ophthalmia neonatorum.....	3
Pneumonia.....	3
Scarlet fever.....	22
Smallpox.....	8
Tetanus.....	2
Trachoma.....	3
Tuberculosis.....	73
Typhoid fever.....	36
Whooping cough.....	8

MONTANA.

Cerebrospinal meningitis.....	1
Diphtheria.....	5
Poliomyelitis.....	16
Scarlet fever.....	5
Smallpox.....	3
Typhoid fever.....	4

NEBRASKA.

Chicken pox.....	1
Diphtheria.....	6
Influenza.....	2
Mumps.....	4
Scarlet fever.....	12
Smallpox.....	2
Tuberculosis.....	4
Typhoid fever.....	4
Whooping cough.....	10

NEW JERSEY.

Cerebrospinal meningitis.....	1
Chicken pox.....	8
Diphtheria.....	77
Dysentery.....	1
Influenza.....	4
Malaria.....	6
Measles.....	37
Pneumonia.....	27
Poliomyelitis.....	11
Scarlet fever.....	28
Trachoma.....	1
Typhoid fever.....	31
Whooping cough.....	121

NEW MEXICO.

Diphtheria.....	27
Pneumonia.....	2
Poliomyelitis.....	1
Scarlet fever.....	4
Smallpox.....	1
Trachoma.....	1
Tuberculosis.....	27
Typhoid fever.....	5

NEW YORK.

(Exclusive of New York City).

Diphtheria.....	125
Influenza.....	1
Lethargic encephalitis.....	5
Measles.....	71
Paratyphoid fever.....	1
Pneumonia.....	40
Poliomyelitis.....	7
Scarlet fever.....	75

Deaths.

NEW YORK—continued.

	Cases.
Tetanus.....	4
Typhoid fever.....	55
Whooping cough.....	147

NORTH CAROLINA.

Chicken pox.....	8
Diphtheria.....	312
German measles.....	1
Measles.....	10
Ophthalmia neonatorum.....	2
Scarlet fever.....	62
Smallpox.....	7
Typhoid fever.....	94
Whooping cough.....	63

OREGON.

Chicken pox.....	4
Diphtheria.....	8
Measles.....	1
Mumps.....	1
Pneumonia.....	15
Scarlet fever.....	3
Smallpox.....	7
Tuberculosis.....	9
Typhoid fever.....	2
Whooping cough.....	6

SOUTH DAKOTA.

Anthrax.....	1
Chicken pox.....	2
Diphtheria.....	1
Measles.....	1
Scarlet fever.....	3
Tuberculosis.....	8
Typhoid fever.....	1
Whooping cough.....	1

TEXAS.

Dengue.....	96
Diphtheria.....	29
Measles.....	18
Pneumonia.....	2
Scarlet fever.....	3
Smallpox.....	3
Typhoid fever.....	11

VERMONT.

Cerebrospinal meningitis.....	1
Chicken pox.....	2
Diphtheria.....	1
Mumps.....	2
Scarlet fever.....	1
Typhoid fever.....	3
Whooping cough.....	34

WASHINGTON.

Chicken pox.....	9
Diphtheria.....	12
Measles.....	1
Mumps.....	1
Poliomyelitis—Chehalis.....	1
Rocky Mountain spotted or tick fever—Lamona.....	1
Scarlet fever.....	8
Smallpox.....	7
Tuberculosis.....	58
Typhoid fever.....	17
Whooping cough.....	32

WEST VIRGINIA.	Cases.
Diphtheria.....	8
Scarlet fever.....	7
Typhoid fever.....	12

WISCONSIN.	
Milwaukee:	
Cerebrospinal meningitis.....	1
Chicken pox.....	2
Diphtheria.....	7
Measles.....	12
Mumps.....	2
Pneumonia.....	2
Poliomyelitis.....	1
Scarlet fever.....	3
Smallpox.....	2
Tuberculosis.....	4
Whooping cough.....	124
Scattering:	
Chicken pox.....	10
Diphtheria.....	51
Encephalitis.....	1
German measles.....	1

WISCONSIN—continued.	Cases.
Scattering—Continued.	
Influenza.....	3
Measles.....	34
Pneumonia.....	1
Poliomyelitis.....	4
Scarlet fever.....	49
Smallpox.....	3
Tuberculosis.....	23
Typhoid fever.....	4
Whooping cough.....	95

WYOMING.	
Malaria.....	1
Pneumonia.....	2
Poliomyelitis—Goshen County.....	4
Rocky Mountain spotted or tick fever—Sheridan County.....	1
Scarlet fever.....	5
Tuberculosis.....	5
Typhoid fever.....	4

Delayed Reports for Week Ended August 19, 1922.

DISTRICT OF COLUMBIA.	Cases.
Chicken pox.....	3
Diphtheria.....	6
Lethargic encephalitis.....	1
Scarlet fever.....	3
Tuberculosis.....	23
Typhoid fever.....	6
Whooping cough.....	3

KENTUCKY. ¹	
Cerebrospinal meningitis:	
Boyd County.....	1
Harlan County.....	1
Chicken pox.....	2
Diphtheria:	
McCracken County.....	8
Scattering.....	25
Dysentery.....	4
Malaria.....	8
Measles:	
Adair County.....	10
Henderson County.....	13
Scattering.....	6
Ophthalmia neonatorum.....	1
Pellagra.....	3
Pneumonia.....	4
Scarlet fever.....	13
Septic sore throat.....	2
Smallpox.....	4
Tonsillitis (follicular).....	1
Tuberculosis:	
Jefferson County.....	21
Scattering.....	9

KENTUCKY—continued.	Cases.
Trachoma.....	2
Typhoid fever:	
Hopkins County.....	14
Jefferson County.....	14
Mercer County.....	8
Scattering.....	47
Whooping cough.....	4

MAINE.	
Chicken pox.....	2
Diphtheria.....	12
Measles.....	4
Mumps.....	5
Scarlet fever.....	15
Tuberculosis.....	15
Typhoid fever.....	11
Whooping cough.....	43

MISSOURI.	
Chicken pox.....	5
Diphtheria.....	26
Influenza.....	1
Measles.....	4
Ophthalmia neonatorum.....	1
Pneumonia.....	3
Scarlet fever.....	15
Smallpox.....	8
Tetanus.....	1
Trachoma.....	2
Tuberculosis.....	42
Typhoid fever.....	28
Whooping cough.....	6

¹ For week ended August 12, 1922.

SUMMARY OF CASES REPORTED MONTHLY BY STATES.

The following summary of monthly State reports is published weekly and covers only those States from which reports are received during the current week.

State.	Cerebrospinal meningitis.	Diphtheria.	Influenza.	Malaria.	Measles.	Pellagra.	Polomyelitis.	Scarlet fever.	Smallpox.	Typhoid fever.
<i>March, 1922.</i>										
Arizona.....		6	14		1			11	122	2
<i>July, 1922.</i>										
Hawaii.....	1	15	9		121			4		14
Idaho.....		17						16	6	13
Illinois.....	6	576	45	43	1,182	1	6	240	175	182
Indiana.....	2	117			190			74	68	61
Iowa.....	1	51			4		2	70	12	1
Kansas.....	3	93	2	6	29	2	1	140	29	108
Maine.....		39	4		54		4	70	9	60
Maryland.....	4	92	6	56	396		5	50		124
Minnesota.....	1	171	1		143		6	247	102	44
New Jersey.....	8	34	21	14	898		22	206	1	84
New Mexico.....	1	83	1			3	1	6	1	25
North Carolina.....	7	357			107		4	123	47	560
North Dakota.....		27					2	18	18	2
Oregon.....		52			9			10	40	15
Virginia.....	5	220	282	484	358	26	18	83	7	400
Washington.....	2	53			28			41	46	49
Wisconsin.....	4	154	17		446		5	186	117	29

¹ Nine deaths.

RECIPROCAL NOTIFICATION.

Minnesota—July, 1922.

Cases of communicable diseases referred during July, 1922, to other State health departments by the department of health of the State of Minnesota.

Disease and locality of notification.	Referred to health authority of—	Why referred.
Diphtheria:		
Columbia Heights, Anoka County.	Hull, Wright County, Quebec, Canada.	A carrier who left for Quebec. Cultures positive.
Scarlet Fever:		
Rochester, Olmsted County.....	Madison, R. F. D. No. 3, Lake County, S. Dak.	Case originated in South Dakota; not diagnosed until arrival.
Typhoid Fever:		
Bear Park township, Norman County.	Garwin, Tama County, Iowa.	Exposed to typhoid fever in Iowa.
St. Louis County, near Duluth.	Winner, Tripp County, S. Dak.	A laborer working with a road crew. Widal positive.
Rochester, Olmsted County.	Ponca City, Kay County, Okla.	Widal in laboratory; positive.
Do.....	Beloit, Mitchell County, Kans.	Do.
Tuberculosis:		
Minneapolis, Hennepin County.	Milford, Dickinson County, Iowa.	Guinea pig inoculation positive.
St. Paul, Ramsey County.	Kenmare, Ward County, N. Dak.	An open case; left St. Paul for her home.
Duluth, St. Louis County.	Superior, Douglas County, Wis.	Specimen examined at Duluth laboratory; positive.

CITY REPORTS FOR WEEK ENDED AUGUST 12, 1922.

CEREBROSPINAL MENINGITIS.

The column headed "Median for previous years" gives the median number of cases reported during the corresponding weeks of the years 1915 to 1921, inclusive. In instances in which data for the full seven years are incomplete, the median is that for the number of years for which information is available.

City.	Median for pre- vious years.	Week ended Aug. 12, 1922.		City.	Median for pre- vious years.	Week ended Aug. 12, 1922.	
		Cases.	Deaths.			Cases.	Deaths.
Connecticut:				Michigan:			
Derby.....		1	1	Kalamazoo.....	0		1
New Haven.....	0	1		New York:			
Waterbury.....	0	1		Buffalo.....	0	2	2
Illinois:				Newburgh.....	0		1
Chicago.....	2	1		New York.....	4	2	1
Rockford.....		1		Ohio:			
Indiana:				Cincinnati.....	0	1	1
Muncie.....	0	1		Cleveland.....	0	1	1
Louisiana:				Pennsylvania:			
New Orleans.....	0	1	1	Easton.....	0	1	
Maine:				Wilkes-Barre.....	0	1	
Auburn.....	0	1		Texas:			
Maryland:				Abilene.....	0	1	1
Baltimore.....	0	2	1	Beaumont.....	0	1	
Massachusetts:				Virginia:			
Fall River.....	0	1		Norfolk.....	0		1
Southbridge.....	0	1					

DIPHTHERIA.

See p. 2124; also Telegraphic weekly reports from States, p. 2114, and Monthly summaries by States, p. 2118.

INFLUENZA.

City.	Cases.		Deaths, week ended Aug. 12, 1922.	City.	Cases.		Deaths, week ended Aug. 12, 1922.
	Week ended Aug. 13, 1921.	Week ended Aug. 12, 1922.			Week ended Aug. 13, 1921.	Week ended Aug. 12, 1922.	
California:				Missouri:			
Los Angeles.....		3	1	Cape Girardeau.....	1		
San Diego.....		1	1	New Jersey:			
San Francisco.....		2	1	Newark.....		1	
Illinois:				New York:			
Chicago.....	2	4	1	Hudson.....	1		
Maryland:				New York.....	17	5	1
Baltimore.....	1			Schenectady.....			1
Massachusetts:							
Boston.....	1						
Chelsea.....		1					

LEPROSY.

City.	Cases.	Deaths.
California:		
Oakland.....	1	

LETHARGIC ENCEPHALITIS.

California:		
San Francisco.....	1	
Massachusetts:		
Webster.....	1	

CITY REPORTS FOR WEEK ENDED AUGUST 12, 1922--Continued.

MALARIA.

City.	Cases.	Deaths.	City.	Cases.	Deaths.
Arkansas:			Missouri:		
Little Rock.....	8		Cape Girardeau.....	6	
California:			New York:		
San Francisco.....	1	1	New York.....	6	
Georgia:			North Carolina:		
Albany.....	8		Wilmington.....	2	
Atlanta.....	1		Ohio:		
Macon.....	6		Cleveland.....	1	
Savannah.....	2	2	Tennessee:		
Valdosta.....	1	1	Memphis.....	16	
Louisiana:			Texas:		
New Orleans.....	3		Dallas.....	4	1
Maryland:			Houston.....		1
Baltimore.....	1				

MEASLES.

See p. 2124; also Telegraphic weekly reports from States, p. 2114, and Monthly summaries by States, p. 2118.

PELLAGRA.

City.	Cases.	Deaths.	City.	Cases.	Deaths.
Arkansas:			Tennessee:		
Fort Smith.....	1		Knoxville.....		1
Georgia:			Nashville.....		1
Atlanta.....		2	Texas:		
Augusta.....	1		Abilene.....	3	
Savannah.....		1	Dallas.....		1
Louisiana:			Waco.....		1
New Orleans.....	3	2	Virginia:		
South Carolina:			Norfolk.....		1
Charleston.....		1			
Greenville.....		1			

PNEUMONIA (ALL FORMS).

Alabama:			Indiana:		
Birmingham.....		5	Fort Wayne.....		1
California:			Hammond.....		1
Alameda.....		1	Indianapolis.....		2
Berkeley.....		3	Muncie.....		1
Los Angeles.....	20	12	Kansas:		
Oakland.....	1	1	Kansas City.....	3	
Pasadena.....	1		Topeka.....	1	
Riverside.....		1	Kentucky:		
Sacramento.....	3	4	Lexington.....		1
San Diego.....	1	1	Louisville.....	1	2
San Francisco.....	5	6	Owensboro.....	1	
Santa Barbara.....	1		Louisiana:		
Colorado:			New Orleans.....	1	1
Denver.....		3	Maine:		
Connecticut:			Biddeford.....		1
Bridgeport.....	1	1	Lewiston.....		1
Hartford.....	1		Portland.....		1
Milford.....	1	1	Maryland:		
New Haven.....		2	Baltimore.....	10	7
Waterbury.....	1	1	Cumberland.....	1	1
Delaware:			Massachusetts:		
Wilmington.....		4	Boston.....	5	10
District of Columbia:			Chicopee.....		1
Washington.....		5	Fall River.....	1	4
Georgia:			Lynn.....	2	1
Atlanta.....	2	2	Taunton.....		1
Augusta.....	1		West Springfield.....		2
Savannah.....		2	Michigan:		
Illinois:			Detroit.....	17	11
Aurora.....	2	1	Hamtramck.....	2	1
Chicago.....	80	18	Muskegon.....	2	1
Cicero.....	1		Pontiac.....	1	
Peoria.....		1	Sault Ste. Marie.....	1	

CITY REPORTS FOR WEEK ENDED AUGUST 12, 1922—Continued.

PNEUMONIA (ALL FORMS)—Continued.

City.	Cases.	Deaths.	City.	Cases.	Deaths.
Minnesota:			Ohio:		
Duluth.....	2	1	Akron.....	1	5
Minneapolis.....		3	Cincinnati.....		6
St. Paul.....		4	Cleveland.....	4	1
Missouri:			Columbus.....		1
Kansas City.....	4	1	Norwood.....	1	1
St. Joseph.....		1	Toledo.....		1
Nebraska:			Oklahoma:		
Omaha.....		3	Oklahoma.....		2
Nevada:			Pennsylvania:		
Reno.....	1	1	Philadelphia.....	42	27
New Hampshire:			Rhode Island:		
Nashua.....		1	Providence.....		3
New Jersey:			South Carolina:		
Atlantic City.....	2		Charleston.....		2
Jersey City.....	2		Tennessee:		
Newark.....	14	5	Memphis.....		2
Orange.....	2		Nashville.....		1
Passaic.....	1		Texas:		
Perth Amboy.....		1	Dallas.....		3
Phillipsburg.....	1	1	El Paso.....		2
Rahway.....		1	Waco.....		1
Trenton.....	2	1	Virginia:		
West New York.....		1	Norfolk.....		1
New York:			Richmond.....		1
Albany.....	4		West Virginia:		
Auburn.....	1		Huntington.....		1
Buffalo.....	3	2	Wheeling.....		2
Jamestown.....	1		Wisconsin:		
Lackawanna.....	1		Kenosha.....		1
New York.....	96	53	Milwaukee.....	1	
Niagara Falls.....		4	Wyoming:		
Rochester.....	3	1	Cheyenne.....	1	1
Saratoga Springs.....	1				
Syracuse.....		2			
Froy.....		1			
Watertown.....		1			

POLIOMYELITIS (INFANTILE PARALYSIS).

The column headed "Median for previous years" gives the median number of cases reported during the corresponding weeks of the years 1915 to 1921, inclusive. In instances in which data for the full seven years are incomplete, the median is that for the number of years for which information is available.

City.	Median for previous years.	Week ended Aug. 12, 1922.		City.	Median for previous years.	Week ended Aug. 12, 1922.	
		Cases.	Deaths.			Cases.	Deaths.
California:				New Jersey:			
Los Angeles.....	0	4		Elizabeth.....	0	1	
San Bernardino.....	0	1	1	Newark.....	0	1	
Connecticut:				Paterson.....	0	2	
New London.....	0	1		New York:			
Norwich.....		1		Auburn.....	0	1	
Illinois:				Ithaca.....	0	1	
Chicago.....	6	1		New York.....	4	8	
Rockford.....	0	1		Olean.....	0	1	
Maryland:				Syracuse.....	0	2	
Baltimore.....	2	2		Yonkers.....	0	1	
Massachusetts:				Pennsylvania:			
Boston.....	1	4	2	Johnstown.....	0	1	
Everett.....	0	1		Pottsville.....		1	
Fall River.....	0	1	1	Rhode Island:			
Lynn.....	0	2		Providence.....	0	4	1
Taunton.....	0	1		Tennessee:			
Webster.....		2		Memphis.....	0	2	
Montana:				Texas:			
Billings.....	0	2	2	El Paso.....	0	1	
New Hampshire:				Wisconsin:			
Concord.....	0	1	1	Madison.....	0	1	

CITY REPORTS FOR WEEK ENDED AUGUST 12, 1922—Continued.

RABIES IN ANIMALS.

City.	Cases.	City.	Cases.
California:		Massachusetts:	
Los Angeles.....	6	Arlington.....	1
Pasadena.....	2	Cambridge.....	1
Kentucky:		New Jersey:	
Louisville.....	1	Passaic.....	1

SCARLET FEVER.

See p. 2124; also Telegraphic weekly reports from States, p. 2114, and Monthly summaries by States, p. 2118.

SMALLPOX.

The column headed "Median for previous years" gives the median number of cases reported during the corresponding weeks of the years 1915 to 1921, inclusive. In instances in which data for the full seven years are incomplete, the median is that for the number of years for which information is available.

City.	Median for pre- vious years.	Week ended Aug. 12, 1922.		City.	Median for pre- vious years.	Week ended Aug. 12, 1922.	
		Cases.	Deaths.			Cases.	Deaths.
Alabama:				Montana:			
Mobile.....	0	1		Billings.....	0	1	
California:				New York:			
Bakersfield.....	0	1		Auburn.....	0	1	
Los Angeles.....	0	1		Niagara Falls.....	0	1	
Oakland.....	0	1		North Carolina:			
Colorado:				Charlotte.....	0	1	
Denver.....	3	2	1	Oklahoma:			
Connecticut:				Oklahoma.....	1	1	
Bridgeport.....	0	1		Washington:			
Georgia:				Bellingham.....	0	3	
Macon.....	0	1		Everett.....	0	3	
Iowa:				Tacoma.....	0	1	
Mason City.....	0	1		Vancouver.....	0	3	
Kansas:				West Virginia:			
Kansas City.....	0	1		Fairmont.....	0	1	
Michigan:				Wisconsin:			
Detroit.....	4	1		Ashland.....	0	1	
Minnesota:				Milwaukee.....	0	2	
Duluth.....	0	3		Oshkosh.....	0	1	
St. Paul.....	2	1		Superior.....	0	7	

TETANUS.

City.	Cases.	Deaths.	City.	Cases.	Deaths.
Alabama:			New York:		
Birmingham.....	2		Albany.....	1	
California:			New York.....	1	
Los Angeles.....	3		Ohio:		
San Bernardino.....		1	Cleveland.....		1
Illinois:			Pennsylvania:		
Chicago.....	3	1	Philadelphia.....		1
Maine:			Texas:		
Portland.....	1		Abilene.....	1	
Massachusetts:			Beaumont.....		1
Beverly.....	1		Waco.....		1
Missouri:			West Virginia:		
St. Louis.....	1		Charleston.....		1
			Huntington.....		1

TUBERCULOSIS.

See p. 2124; also Telegraphic weekly reports from States, p. 2114.

CITY REPORTS FOR WEEK ENDED AUGUST 12, 1922—Continued.

TYPHOID FEVER.

The column headed "Median for previous years" gives the median number of cases reported during the corresponding weeks of the years 1915 to 1921, inclusive. In instances in which data for the full seven years are incomplete, the median is that for the number of years for which information is available.

City.	Median for pre- vious years.	Week ended Aug. 12, 1922.		City.	Median for pre- vious years.	Week ended Aug. 12, 1922.	
		Cases.	Deaths.			Cases.	Deaths.
Alabama:				Missouri:			
Birmingham.....	7	23	3	Kansas City.....	2	8	1
Mobile.....	1	1	1	St. Joseph.....	1	1	1
Arkansas:				St. Louis.....	10	9	1
Fort Smith.....		1		Nebraska:			
North Little Rock.....	1	1		Omaha.....	0		1
California:				New Hampshire:			
Los Angeles.....	5	5		Concord.....	0	5	
Pasadena.....	0	2		Dover.....	0	1	
Sacramento.....	1	3		New Jersey:			
San Francisco.....	3	4		East Orange.....	0	1	
Santa Barbara.....	0	1		Jersey City.....	1	1	
Stockton.....	1		1	Newark.....	1	1	
Colorado:				Plainfield.....	0	1	
Denver.....	3	4		Summit.....	0	1	
Connecticut:				New Mexico:			
Bridgeport.....	0	1		Albuquerque.....	0		1
Hartford.....	1	1		New York:			
New Haven.....	1	3		Buffalo.....	4	4	
Delaware:				Elmira.....	0	4	
Wilmington.....	2		1	Ithaca.....	0	1	
District of Columbia:				Lackawanna.....	0	1	
Washington.....	8	6	1	Lockport.....	0	1	
Georgia:				Mount Vernon.....	0		1
Albany.....		2		New York.....	39	33	1
Atlanta.....	3	1	4	Rochester.....	0	2	
Augusta.....	2	1		Saratoga Springs.....	0	2	
Macon.....	2	4		Schenectady.....	0	1	
Savannah.....	2	1		Syracuse.....	1	1	
Valdosta.....	1	1		Watertown.....	1	5	
Illinois:				Yonkers.....	0	1	
Aurora.....	0	2		North Carolina:			
Chicago.....	11	4	1	Durham.....	7	1	
Galesburg.....	0	2		Raleigh.....	0	2	2
Indiana:				Winston-Salem.....	2	3	1
Gary.....	0	2		Ohio:			
Hammond.....	0	2		Bucyrus.....	6	4	1
Indianapolis.....	7	2	1	Canton.....	1	2	1
La Fayette.....	0	1		Cincinnati.....	2		1
Iowa:				Cleveland.....	8	5	
Muscatine.....	0	1		Lima.....	0	2	
Kansas:				Mansfield.....	0	2	
Coffeyville.....	1	1		Newark.....	1	1	
Kansas City.....	2	7		Piqua.....	0	1	
Lawrence.....	0	2		Springfield.....	0	2	1
Kentucky:				Toledo.....	4	2	
Louisville.....	5	7	1	Youngstown.....	0	4	
Owensboro.....		2		Oklahoma:			
Louisiana:				Oklahoma.....	4	2	2
New Orleans.....	5	5	4	Tulsa.....	5	2	
Maine:				Pennsylvania:			
Portland.....	1	1		Allentown.....	2	1	
Waterville.....	1	1		Altoona.....	0	1	
Maryland:				Braddock.....	0	1	
Baltimore.....	15	10	1	Bristol.....	0	1	
Cumberland.....	1	1		Coatesville.....	0	1	
Massachusetts:				Erie.....	0	2	
Boston.....	3	5		Greensburg.....	0	1	
Cambridge.....	1	1		Harrisburg.....	0	2	
Fall River.....	4	2		Meadville.....	0	1	
Lawrence.....	0	1		North Braddock.....	0	1	
Lynn.....	1	1		Philadelphia.....	16	13	
Newburyport.....	0	2	1	Pittsburgh.....	6	5	
Southbridge.....	0	1		Pottstown.....	0	4	
Springfield.....	2	2		Reading.....	1	1	
West Springfield.....	0		1	Sharon.....	0	1	
Michigan:				Steelton.....	0	1	
Detroit.....	5	2	4	Rhode Island:			
Sault Ste. Marie.....	0	1		Pawtucket.....	0	1	
Minnesota:				Providence.....	1	1	
Duluth.....	0	3					
Minneapolis.....	2	4					

CITY REPORTS FOR WEEK ENDED AUGUST 12, 1922—Continued.

TYPHOID FEVER—Continued.

City.	Median for previous years.	Week ended Aug. 12, 1922.		City.	Median for previous years.	Week ended Aug. 12, 1922.	
		Cases.	Deaths.			Cases.	Deaths.
South Carolina:				Virginia—Continued.			
Charleston.....	3	4	.....	Danville.....	0	3	1
Columbia.....	2	1	.....	Norfolk.....	6	1	1
Greenville.....		2	.....	Petersburg.....	2	1	.....
Tennessee:				Richmond.....	5	7	.....
Knoxville.....	1	4	.....	Roanoke.....	4	1	.....
Memphis.....	6	7	.....	Washington:			
Nashville.....	14	9	.....	Bellingham.....	0	2	.....
Texas:				West Virginia:			
Abilene.....	2	6	.....	Huntington.....	1	1	.....
Dallas.....	3	5	.....	Martinsburg.....	2	1	.....
El Paso.....	0	1	.....	Parkersburg.....	0	2	.....
Fort Worth.....	2	1	.....	Wheeling.....	1	2	.....
Houston.....	1		2	Wisconsin:			
Utah:				Janesville.....	0	1	.....
Salt Lake City.....	2	1	.....	Milwaukee.....	1	1	.....
Virginia:				Wausau.....	0	1	.....
Alexandria.....	2	1	.....			
Charlottesville.....		1	.....			

TYPHUS FEVER.

City.	Cases.	Deaths.	City.	Cases.	Deaths.
Georgia:			New Hampshire:		
Savannah.....		1	Keene.....	1	.....
Missouri:					
St. Joseph.....		1			

¹ Case reported Aug. 5, 1922.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS.

City.	Population Jan. 1, 1920.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Alabama:										
Birmingham.....	178,806	41	2	.....			2	1	4	3
Mobile.....	60,777	18	1	.....						1
Tuscaloosa.....	11,996		1	.....			1	.....		.....
Arkansas:										
Fort Smith.....	28,870	7		.....						1
Little Rock.....	65,142		2	.....			1	.....	2	.....
North Little Rock.....	14,048	2	1	.....				.....	1	2
California:										
Alameda.....	28,806	3		.....						.....
Bakersfield.....	18,638	4		.....						.....
Berkeley.....	56,032	11	1	1					2	.....
Long Beach.....	55,593	10	1	.....			2	.....	1	1
Los Angeles.....	576,673	160	32	1			5	.....	68	23
Oakland.....	216,261	49	2	.....			4	.....	5	.....
Pasadena.....	45,354	9	1	.....			2	.....	1	1
Richmond.....	16,843	1		.....				.....	1	.....
Riverside.....	19,341	6		.....				.....	1	.....
Sacramento.....	65,908	21	2	.....				.....	1	3
San Bernardino.....	18,721	13	1	.....				.....		.....
San Diego.....	74,683	17	2	.....			3	.....	1	1
San Francisco.....	506,676	105	18	3	1		3	.....	35	8
Santa Ana.....	15,485	5		.....				.....		1
Santa Barbara.....	19,441	4	1	.....				.....	2	.....
Santa Cruz.....	10,917	6		.....				.....		.....
Stockton.....	40,256	10	1	.....				.....		1
Colorado:										
Denver.....	256,491	60	25	2			3	.....		5
Pueblo.....	43,050	6	2	.....				.....		1

CITY REPORTS FOR WEEK ENDED AUGUST 12, 1922—Continued.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Continued.

City.	Population Jan. 1, 1920.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Connecticut:										
Bridgeport.....	143,555	26	6		2		3		7	2
Bristol.....	20,620	4			3				1	
Derby.....	11,238	4					2			
Fairfield (town).....	11,475	3	1						1	
Hartford.....	138,035	26	4				4		1	2
Manchester (town).....	18,370	1			1					
Meriden (city).....	29,807						2			
Milford (town).....	10,193	5	1							
New Haven.....	162,537	43	1	1	5	1	1		10	1
New London.....	25,688	3							2	
Norwich (city).....	22,304	5								
Stamford (city).....	35,096				2		6			
Stonington (town).....	10,236	0								
Waterbury.....	91,715	15							4	
Delaware:										
Wilmington.....	110,168	28		1						
District of Columbia:										
Washington.....	437,571	97	1		3				20	5
Georgia:										
Albany.....	11,555		1				2			
Atlanta.....	200,616	66	15	2			9		3	5
Augusta.....	52,548	16							2	
Macon.....	52,995		2							
Rome.....	13,252		2				2			
Savannah.....	83,252	28	1							2
Valdosta.....	10,783	3	1							
Illinois:										
Alton.....	24,682	5	1							
Aurora.....	36,397	9							1	1
Centralia.....	12,401	2								
Chicago.....	2,701,705	533	69	5	42	2	15	1	124	46
Cicero.....	44,995						2			1
Danville.....	33,776	7					1		2	
Evanston.....	37,234	7	1		2					
Freeport.....	19,669	4	1						1	
Galesburg.....	23,834	6	4	1						
Kewanee.....	16,026	5					1			
La Salle.....	13,060	1			1				2	
Mattoon.....	13,552	3								
Peoria.....	76,121	20					1			
Quincy.....	35,978	6								
Rock Island.....	35,177	7	1							
Rockford.....	65,661	7	3		5					1
Indiana:										
Anderson.....	29,767	4	2							
Clinton.....	10,962	3								
Crawfordsville.....	10,139	1	1				1			
East Chicago.....	35,967	6								1
Fort Wayne.....	86,549	16								
Frankfort.....	11,585	1							1	
Gary.....	55,378	12								
Hammond.....	36,004	14	1		1					
Huntington.....	14,000	3					2			
Indianapolis.....	314,194	78	6	1	3		4	1	4	4
Kokomo.....	30,067	9							1	1
La Fayette.....	22,486	2	1							
Logansport.....	21,626	5							1	
Mishawaka.....	15,185	2								
Muncie.....	36,524	8								2
Newcastle.....	14,458	5								
South Bend.....	70,983	8	1		2		2		4	
Terre Haute.....	66,083	10					1			
Iowa:										
Burlington.....	24,057	12	1							
Council Bluffs.....	36,162	3					1			
Davenport.....	56,727						1			
Dubuque.....	39,141		1				2			
Mason City.....	20,065	2								
Muscatine.....	16,068	3	1							
Sioux City.....	71,227		1							
Kansas:										
Coffeyville.....	13,452	1								
Hutchinson.....	23,298		1				1		3	

CITY REPORTS FOR WEEK ENDED AUGUST 12, 1922—Continued.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Continued.

City.	Population Jan. 1, 1920.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Kansas—Continued.										
Kansas City.....	101,177		1				3		14	
Lawrence.....	12,456	3								
Salina.....	15,085	1								
Topeka.....	50,022	12	4						2	3
Wichita.....	72,217	12	1				2		1	
Kentucky:										
Lexington.....	41,534	16								2
Louisville.....	234,891	55	5				2		10	5
Paducah.....	24,735		8							
Louisiana:										
New Orleans.....	387,219	99	5				1		15	7
Maine:										
Auburn.....	16,965	1								
Bangor.....	25,978						1		1	
Bath.....	14,731	2							1	
Biddeford.....	18,008	1								
Lewiston.....	31,791	9					2			
Portland.....	69,272	24	3		1		1			1
Sanford (town).....	10,691	1								
Maryland:										
Baltimore.....	733,826	170	18		11		3		10	15
Cumberland.....	29,837									1
Massachusetts:										
Amesbury (town).....	10,036	2								
Arlington (town).....	18,665	4	2							
Attleboro.....	19,731	2								
Beverly.....	22,561	1			1					
Boston.....	748,060	188	42	3	35		13	2	58	13
Braintree (town).....	10,580	3			1				1	2
Brookline.....	37,748		1						1	
Cambridge.....	109,694	20	3		1		2		3	1
Chelsea.....	43,184	6	1				2		2	
Chicopee.....	36,214	6							1	
Clinton.....	12,979	3								
Dedham.....	10,792	1					2		1	
Everett.....	40,120				1				1	
Fall River.....	120,485	27	1		5		2		2	
Fitchburg.....	41,029	6	4						1	
Framingham.....	17,033	4							1	
Gardner.....	16,971	5							1	
Greenfield.....	15,462	1								
Haverhill.....	53,884	6	1							
Holyoke.....	60,203	19	3	1			2		1	
Lawrence.....	94,270	18							3	1
Leominster.....	19,744	5								
Lowell.....	112,759	22	4				2		2	2
Lynn.....	99,148	19	8	2	3		1		3	
Malden.....	49,103	15	1						2	1
Medford.....	39,038	8	2							
Melrose.....	18,204	2								
Methuen.....	15,189	0			1				1	
Newburyport.....	15,618	4								
Newton.....	46,054	7	1		2					
North Adams.....	22,282	6	1							
Northampton.....	21,951	3			4		1		1	
Peabody.....	19,552	5								
Pittsfield.....	41,763	10					3		1	1
Plymouth.....	13,045	3								
Quincy.....	47,876	8	5		3		1		5	2
Salem.....	42,529	4			3				1	
Somerville.....	93,091	10	1		2				2	1
Springfield.....	129,614	27	3		3	1			2	1
Taunton.....	37,137	10			1					
Wakefield.....	13,025	1								
Waltham.....	30,915	3			1		1			
Watertown.....	21,457	1	2							
Webster.....	13,258	2								
West Springfield.....	13,443	3								
Westfield.....	18,604	3	2	1					2	
Winthrop.....	15,455	2					2			
Woburn.....	16,574	1								

CITY REPORTS FOR WEEK ENDED AUGUST 12, 1922—Continued.
DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Continued.

City.	Popula- tion Jan. 1, 1920.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Michigan:										
Alpena.....	11,101	13	—	—	—	—	1	—	—	—
Ann Arbor.....	19,516	13	—	—	1	—	1	—	—	—
Benton Harbor.....	12,233	3	1	—	—	—	1	—	—	—
Detroit.....	923,678	179	20	1	9	—	23	2	66	20
Hamtramck.....	48,615	1	4	—	—	—	—	—	—	—
Highland Park.....	46,499	11	—	—	—	—	—	—	—	—
Holland.....	12,183	0	—	—	—	—	1	—	—	—
Kalamazoo.....	48,487	15	—	—	—	—	2	—	2	1
Marquette.....	12,718	1	—	—	—	—	—	—	—	—
Muskegon.....	36,570	7	—	—	1	—	—	—	—	—
Pontiac.....	34,273	9	1	—	1	—	—	—	1	2
Port Huron.....	25,944	11	—	—	1	—	—	—	—	—
Saginaw.....	61,903	13	1	—	2	—	4	—	3	1
Sault Ste. Marie.....	12,096	2	—	—	—	—	—	—	—	—
Minnesota:										
Duluth.....	98,917	8	1	—	3	—	1	—	—	—
Hibbing.....	15,089	1	—	—	—	—	5	—	—	—
Mankato.....	12,499	—	—	—	—	—	—	—	1	—
Minneapolis.....	380,582	90	10	2	4	—	12	1	26	8
Rochester.....	13,722	20	—	—	—	—	—	—	1	1
St. Cloud.....	15,873	—	—	—	—	—	—	—	—	—
St. Paul.....	231,698	54	9	—	3	—	19	—	13	1
Winona.....	19,143	—	1	—	—	—	—	—	—	—
Missouri:										
Capo Girardeau.....	10,252	—	2	—	2	—	—	—	—	—
Independence.....	11,686	8	—	—	—	—	—	—	—	—
Joplin.....	29,902	—	1	—	—	—	—	—	—	—
Kansas City.....	324,410	64	3	—	—	—	1	—	4	3
St. Joseph.....	77,939	23	—	—	—	—	—	—	3	2
St. Louis.....	772,897	134	19	1	2	—	3	—	39	6
Springfield.....	39,631	8	—	—	—	—	—	—	—	—
Montana:										
Anaconda.....	11,668	1	—	—	—	—	—	—	—	—
Billings.....	15,100	3	—	—	—	—	1	—	—	—
Great Falls.....	24,121	6	6	1	—	—	1	—	—	—
Missoula.....	12,668	4	—	—	—	—	—	—	—	2
Nebraska:										
Lincoln.....	54,948	7	—	—	1	—	1	—	1	—
Omaha.....	191,601	33	2	1	—	—	1	—	—	2
Nevada:										
Reno.....	12,016	5	—	—	—	—	—	—	—	—
New Hampshire:										
Concord.....	22,167	9	—	—	—	—	4	—	—	1
Dover.....	13,029	3	—	—	—	—	—	—	—	—
Keene.....	11,210	1	—	—	1	—	—	—	—	—
Nashua.....	28,379	9	—	—	—	—	—	—	—	—
New Jersey:										
Asbury Park.....	12,400	3	—	—	—	—	—	—	2	1
Atlantic City.....	50,707	14	—	—	2	—	3	—	3	—
Bayonne.....	76,754	—	1	—	—	—	—	—	1	—
Belleville.....	15,660	—	—	—	—	—	—	—	1	—
Bloomfield.....	22,019	2	—	—	—	—	—	—	1	—
Clifton.....	26,470	2	1	—	2	—	—	—	2	—
East Orange.....	50,710	6	—	—	1	—	—	—	—	—
Elizabeth.....	95,783	—	9	—	2	—	3	—	7	3
Englewood.....	11,627	2	—	—	—	—	—	—	—	—
Hackensack.....	17,667	7	1	—	—	—	—	—	1	—
Hoboken.....	68,166	10	4	—	—	—	—	—	—	—
Jersey City.....	298,103	10	—	—	2	—	—	—	6	—
Kearny.....	26,724	3	—	—	—	—	—	—	1	—
Morristown.....	12,548	3	—	—	2	—	—	—	1	1
Newark.....	414,524	72	9	—	25	—	5	—	14	—
Orange.....	33,268	4	2	—	1	—	3	—	4	—
Pasaic.....	63,841	10	3	1	6	—	—	—	5	2
Paterson, N. J.....	135,875	—	4	—	2	—	2	—	2	—
Perth Amboy.....	41,707	5	—	—	—	—	2	—	—	1
Phillipsburg.....	16,923	2	1	—	—	—	—	—	—	—
Plainfield.....	27,700	7	1	—	—	—	1	—	2	—
Rahway.....	11,042	1	—	—	—	—	—	—	—	—
Summit.....	10,174	3	—	—	—	—	1	—	1	—
Trenton.....	119,289	36	15	—	4	—	1	—	7	2
West Hoboken.....	40,074	3	2	—	—	—	—	—	—	—
West New York.....	29,926	2	—	—	—	—	—	—	—	—
West Orange.....	15,573	3	—	—	—	—	2	—	1	2

CITY REPORTS FOR WEEK ENDED AUGUST 12, 1922—Continued.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Continued.

City.	Population Jan. 1, 1920.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
New Mexico:										
Albuquerque.....	15,157	10	4	1			2			2
New York:										
Albany.....	113,344				1				4	
Auburn.....	30,192	12			1					
Buffalo.....	506,775	133	1				7	1		7
Elmira.....	45,366									
Geneva.....	14,648	5								
Glen Falls.....	16,638	5								1
Hornell.....	15,025	4			1					
Hudson.....	11,745	1								
Ithaca.....	17,004	2								
Jamestown.....	38,917	7							1	5
Lackawanna.....	17,918	2								
Little Falls.....	13,029	4								
Lockport.....	21,308	4							1	
Mount Vernon.....	42,726	10	1		3		2			
New York.....	5,620,048	1,027	120	6	48	1	24		169	75
Newburgh.....	30,366	9			3				2	1
Niagara Falls.....	50,760	13			3				2	
North Tonawanda.....	15,482	2								
Olean.....	20,506	4							2	1
Peechkill.....	15,868	0			2		1		1	
Plattsburgh.....	10,909	6								
Port Chester.....	16,573	2								
Poughkeepsie.....	35,000	5								
Rochester.....	295,750	42	5	2	12		4	1	28	1
Saratoga Springs.....	13,181	3							1	
Schenectady.....	88,723	16	1				1		2	1
Syracuse.....	171,717	30	16				7			2
Troy.....	72,013	22		1					9	1
Watertown.....	31,285	10	1						1	2
White Plains.....	21,031	8			1		1		1	1
Yonkers.....	100,176	20	3		1		4			2
North Carolina:										
Durham.....	21,719	2	1						3	
Raleigh.....	24,418	13	4							
Rocky Mount.....	12,742	7								
Salisbury.....	13,884	0								
Wilmington.....	33,372	3	2						1	
Winston-Salem.....	48,395	12	2				1		4	1
North Dakota:										
Fargo.....	21,961	0								
Ohio:										
Akron.....	208,435	19	2				2		19	
Ashtabula.....	22,082	2								1
Barberton.....	18,811	2	1							
Bucyrus.....	10,425	2								1
Cambridge.....	13,104	5			1					
Canton.....	87,091	8	3						2	
Chillicothe.....	15,831	5								
Cincinnati.....	401,247	78	5				2		8	8
Cleveland.....	795,841	139	9	1	18		21		71	18
Cleveland Heights.....	15,236		1		1		1			
Columbus.....	237,031	58	3	1	3				2	
Dayton.....	152,559	36	2				1		8	
East Cleveland.....	27,292	3			1					1
Findlay.....	17,021	5								
Fremont.....	12,468	2							1	
Hamilton.....	39,675	8					4		1	
Lancaster.....	14,703	3	1							
Lima.....	41,326	7	2							
Lorain.....	27,295	1			1		2			
Manfield.....	27,824	8	2	1			1		1	
Marion.....	27,891	1					3			
Martins Ferry.....	11,634	7	2							
New Philadelphia.....	10,718						1		1	
Newark.....	26,718	10								
Niles.....	13,080	1			1					
Norwood.....	24,966	1					1			
Piqua.....	15,044	6	1							
Palem.....	10,306	2	1						1	
Pandusky.....	22,897	6			1				1	
Springfield.....	60,840	16	1				4		1	3

CITY REPORTS FOR WEEK ENDED AUGUST 12, 1922—Continued.

DIPHtheria, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Continued.

City.	Population Jan. 1, 1920.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Ohio—Continued.										
Steubenville.....	28,508	9	1							
Toledo.....	243,164	37	9		14	2			6	2
Youngstown.....	132,353	21	4		1		2		2	
Zanesville.....	29,569	8	1				1		1	
Oklahoma:										
Oklahoma.....	91,295	19	4		1		1			
Tulsa.....	72,075	1			1		1			
Oregon:										
Portland.....	258,286	62	2				1		7	3
Pennsylvania:										
Allentown.....	73,502		5						1	
Ambridge.....	12,730				1					
Beaver Falls.....	12,802						2			
Berwick.....	12,181		1							
Bethlehem.....	50,353		3		3		2			
Braddock.....	20,879				3				1	
Canonsburg.....	10,632		1							
Chester.....	58,030				5					
Coatesville.....	14,515				1					
Erie.....	93,372		2		1				10	
Harrisburg.....	75,917		2		1					
Hazleton.....	32,277		1							
Homestead.....	20,442				2					
Johnstown.....	67,327		4							
McKees Rocks.....	16,713		15							
McKeesport.....	45,781						2		3	
Monessen.....	18,179		1						1	
Mount Carmel.....	17,469						2		1	
New Castle.....	44,938		2				1		1	
New Kensington.....	11,987						1			
Norristown.....	32,319				4					
Philadelphia.....	1,826,779	407	35		1	88	4	28	63	38
Phoenixville.....	10,484						1			
Pittsburgh.....	588,343		12			32	6		17	
Pottsville.....	21,876		1							
Reading.....	107,784		3			5			1	
Seranton.....	137,783		2			1				
Steelton.....	13,428		1				3			
Sunbury.....	15,721		1							
Tamaqua.....	12,363		1			2				
Uniontown.....	15,692						2			
Wilkes-Barre.....	73,833		3				1			
Williamsport.....	36,198		2							
York.....	47,512		2				1			
Rhode Island:										
Cranston.....	29,407	7								1
Pawtucket.....	64,248	7	1				1			
Providence.....	237,565	50	1			4				6
South Carolina:										
Charleston.....	67,957	22								
Columbia.....	37,524		2				1		3	
Greenville.....	23,127	4								1
South Dakota:										
Sioux Falls.....	25,202	2	1							
Tennessee:										
Chattanooga.....	57,895		3				1			
Knoxville.....	77,818	15					1			2
Memphis.....	162,351	35	9	1	1			1	10	3
Nashville.....	118,342	42	2				2		2	5
Texas:										
Arlene.....	10,274	16	3				2		6	3
Beaumont.....	40,422	11	1							2
Corpus Christi.....	10,522	4								
Dallas.....	158,976	30	5				3		3	2
El Paso.....	77,560	37	1							10
Fort Worth.....	106,482	17	3				1		1	1
Galveston.....	44,255	7								1
Houston.....	138,276	24								3
Waco.....	38,500	11	4							
Utah:										
Salt Lake City.....	118,110	31		1	3					1
Vermont:										
Burlington.....	22,779	13			2					
Rutland.....	14,954	4								

CITY REPORTS FOR WEEK ENDED AUGUST 12, 1922—Continued.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Continued.

City.	Population Jan. 1, 1920.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Virginia:										
Alexandria.....	18,060	3	1						1	
Danville.....	21,539	9	1						2	1
Lynchburg.....	30,070	4	1						3	
Norfolk.....	115,777				1		3		1	
Petersburg.....	31,012	9	1							2
Richmond.....	171,667	35	3				1		4	
Roanoke.....	50,842	13	14				1		1	
Washington:										
Bellingham.....	25,585		1							
Everett.....	27,644		1							
Seattle.....	315,312		3				1			
Spokane.....	104,437		4		1		2			
Tacoma.....	96,965		2				1			
West Virginia:										
Bluefield.....	15,282	4	1				2			
Charleston.....	39,608	11							9	
Clarksburg.....	27,869	2	3							
Fairmont.....	17,851		1				1			
Huntington.....	50,177	13	1							2
Moundsville.....	10,669	5								
Parkersburg.....	20,050	4								
Wheeling.....	56,208	10					2		1	
Wisconsin:										
Appleton.....	19,561	1	1							
Beloit.....	21,284	6			1		1		9	
Eau Claire.....	20,906		1							
Fond du Lac.....	23,427	8								1
Green Bay.....	31,017	3								
Janesville.....	18,293	5	1				2			
Kenosha.....	40,472	5					1			
La Crosse.....	30,421				2		4			
Manitowoc.....	17,563								2	
Marinette.....	13,610						1			
Milwaukee.....	457,147				32		3		22	
Oshkosh.....	33,162	5								
Racine.....	58,593	9								
Sheboygan.....	30,955		3							
Stevens Point.....	11,371		1							
Superior.....	39,671	7	1	1			1			
Wausau.....	18,661		1							
West Allis.....	13,745								2	
Wyoming:										
Cheyenne.....	13,829	10					1		2	2

STATE REPORTS FOR APRIL, MAY, AND JUNE, 1922.

ANTHRAX.

Place.	New cases reported.			Place.	New cases reported.		
	Apr.	May.	June.		Apr.	May.	June.
Connecticut:				New York:			
Hartford County—				Broome County—			
Hartford.....		1		Binghamton.....		1	
New Haven County—				Endicott (town).....	1		
Meriden.....		1		Fulton County—			
Total.....		2		Gloversville.....		1	
Delaware:				Steuben County—			
New Castle County—				Corning.....		1	
Wilmington.....		1		New York City.....			1
Louisiana:				Total.....	1	3	1
St. Mary Parish—				Oregon.....			1
Berwick.....		1		Pennsylvania.....	6		
Maryland:			1				
New Jersey:							
Camden County—							
Camden.....	1						

STATE REPORTS FOR APRIL, MAY, AND JUNE, 1922—Continued.

CEREBROSPINAL MENINGITIS.

Place.	New cases reported.			Place.	New cases reported.		
	Apr.	May.	June.		Apr.	May.	June.
Alabama:				Indiana—Continued.			
Barbour County.....		1		Steuben County.....	1		
Arkansas:				Vigo County.....	2		
Pulaski County.....		1		Total.....	4	1	3
Sebastian County.....		1		Iowa:			
Total.....		2		Cass County.....		1	1
California:				Cerro Gordo County.....	1		
Alameda County.....			1	Webster County.....	1		1
Los Angeles County.....	3	7	4	Total.....	2	1	2
Merced County.....			1	Kansas:			
Orange County.....	1			Harvey County.....		1	
Riverside County.....		1		Phillips County.....	2		
San Diego County.....	1	1	1	Saline County.....		1	
San Francisco County.....	2	3	2	Sedgewick County.....	1		
San Joaquin County.....		1		Wyandotte County.....		1	
Tulare County.....		1		Total.....	3	3	
Total.....	7	14	9	Louisiana:			
Connecticut:				Calcasieu Parish.....			1
Fairfield County.....	1	4	1	Catahoula Parish.....		1	
Hartford County.....	4	2		Concordia Parish.....	1		
New Haven County.....	6	3	2	Orleans Parish.....			1
Total.....	11	9	3	St. Mary Parish.....	1		
Delaware:				West Feliciana Parish.....	1	1	
Sussex County.....		2		Total.....	3	2	2
Place not stated.....	1			Maine:			
Total.....	1	2		Androscoggin County.....	1	1	
Florida:				York County.....	1		
Hillsborough County.....	1			Total.....	2	1	
Manatee County.....			1	Maryland:			
Total.....	1		1	Baltimore City.....	1	2	1
Hawaii:				Massachusetts:			
Oahu.....			4	Berkshire County.....	1		
Illinois:				Bristol County.....	2		
Bureau County.....			2	Essex County.....	3	2	3
Carroll County.....	1			Hampden County.....	1	1	1
Champaign County.....		1		Hampshire County.....		1	
Coles County.....			1	Middlesex County.....	3	2	3
Cook County.....	12	7	5	Norfolk County.....	1		1
Franklin County.....		1		Plymouth County.....	2		1
Fulton County.....		1		Suffolk County.....	1	3	4
Gallatin County.....	1			Worcester County.....	1		
Grundy County.....	1	1		Total.....	15	9	13
Jasper County.....	2			Minnesota:			
Kane County.....		1	1	Blue Earth County.....		1	
Kendall County.....		1		Dakota County.....	1		
Knox County.....			1	Lake County.....			1
Lake County.....	1			Lyons County.....		7	
La Salle County.....			1	Ramsey County.....		1	
Livingston County.....	1			St. Louis County.....	1	2	
McLean County.....	1			Traverse County.....		1	
Macoupin County.....	1			Total.....	2	12	1
Marion County.....		1		Mississippi:			
Piatt County.....	1			Amite County.....	1		
Richland County.....			1	Washington County.....		1	
Rock Island County.....		1	1	Total.....	1	1	
Saline County.....			1	Montana:			
Wayne County.....	1			Carbon County.....		1	
Winnebago County.....	1		1	Missoula County.....		1	
Total.....	24	15	15	Silver Bow County.....		1	1
Indiana:				Total.....		3	1
Grant County.....			1				
Henry County.....		1					
Jefferson County.....			1				
St. Joseph County.....	1		1				

STATE REPORTS FOR APRIL, MAY, AND JUNE, 1922—Continued.

CEREBROSPINAL MENINGITIS—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Apr.	May.	June.		Apr.	May.	June.
Nebraska:				Pennsylvania—Continued.			
Dodge County.....			1	Cumberland County.....	1		
Douglas County.....	1			Dauphin County.....		1	
Total.....	1		1	Delaware County.....	1	1	
New Jersey:				Erie County.....	1		1
Bergen County.....	2	1	1	Fayette County.....	1		
Essex County.....	3	2	2	Franklin County.....			1
Hudson County.....	2	3	3	Lawrence County.....			1
Middlesex County.....		1		Luzerne County.....	1		
Monmouth County.....		1	1	McKean County.....		1	
Passaic County.....	2			Northampton County.....			1
Somerset County.....			1	Philadelphia County.....	5	3	
Union County.....		1	2	Schuylkill County.....	1		
Total.....	9	9	11	Venango County.....		1	
New York:				Westmoreland County.....			1
Albany County.....	1	1		Total.....	13	12	7
Chemung County.....		1	2	Rhode Island:			
Erie County.....	3	2		Newport County.....	1		
Essex County.....		1		Providence County.....			1
Montgomery County.....	1			Total.....	1		1
Nassau County.....	2		2	South Carolina:			
Niagara County.....		1	1	Chester County.....			1
Oneida County.....			1	Richland County.....	1		1
Onondaga County.....		1	1	Total.....	1		2
Orange County.....			1	South Dakota:			
St. Lawrence County.....		1	1	Charles Mix County.....			1
Suffolk County.....		1		Codington County.....			1
Ulster County.....	1			Jerauld County.....		1	
Westchester County.....	2	2	1	Roberts County.....	1		
New York City.....	19	23	14	Total.....	1	1	2
Total.....	29	33	24	Vermont:			
North Carolina:				Addison County.....		1	
Caldwell County.....			1	Virginia:			
Camden County.....		3		Augusta County.....	3		
Durham County.....		1		Buckingham County.....			1
Edgecombe County.....		1		Carroll County.....			1
Richmond County.....			1	Dickenson County.....	2		
Sampson County.....		1		Loudoun County.....			1
Wayne County.....			1	Mecklenburg County.....			1
Wilkes County.....			1	Nottoway County.....	3		
Total.....		6	4	Pittsylvania County.....		1	
Ohio:				Rockbridge County.....			1
Belmont County.....	2			Russell County.....	2		
Butler County.....		2		Shenandoah County.....	1	1	
Clinton County.....	1		1	Washington County.....	2		
Cuyahoga County.....			1	Total.....	13	2	5
Delaware County.....		1		Washington:			
Hamilton County.....	1			Chelan County.....	1		
Jefferson County.....	1			Grant County.....		1	
Lake County.....		1	1	Pierce County.....		1	
Lorain County.....			1	Snohomish County.....	1		
Mahoning County.....			1	Spokane County.....		1	
Montgomery County.....			1	Thurston County.....			1
Ottawa County.....	1			Total.....	2	3	1
Portage County.....			1	West Virginia:			
Putnam County.....		1		Boone County.....			1
Stark County.....	1			Cabell County.....			1
Summit County.....		1		Jackson County.....		1	
Wood County.....	1			Kanawha County.....	2		
Total.....	9	6	7	Wirt County.....			1
Pennsylvania:				Total.....	2	1	3
Adams County.....		2					
Allegheny County.....	1	2	1				
Bucks County.....							
Cambria County.....	1		1				
Chester County.....		1					

STATE REPORTS FOR APRIL, MAY, AND JUNE, 1922—Continued.

CEREBROSPINAL MENINGITIS—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Apr.	May.	June.		Apr.	May.	June.
Wisconsin:				Wisconsin—Continued.			
Columbia County.....	2			Portage County.....			1
Dunn County.....		1		Rusk County.....		1	
Iowa County.....		3		Sauk County.....			1
La Crosse County.....	1			Total.....	9	11	4
Milwaukee County.....	6	6	2				

INFLUENZA.

Alabama:				California:			
Baldwin County.....	3	5	14	Alameda County—			
Barbour County.....	90			Berkeley.....	11	5	
Bullock County.....	27			Scattering.....	12	3	3
Colbert County.....	2			Amador County.....	7		
Covington County.....	3			Butte County—			
Dallas County.....	12	3		Chico.....	25	1	1
DeKalb County.....	6			Scattering.....	9	2	
Franklin County.....		1		Colusa County.....	12		
Geneva County.....	18			Contra Costa County.....	3		
Hale County.....			1	Fresno County.....	5	1	
Henry County.....		1		Glenn County.....	4	1	
Houston County.....	70	10		Humboldt County.....	1		
Jefferson County.....	5	2		Imperial County.....	2		
Macon County.....	4		1	Inyo County.....	1		
Marengo County.....	4	1		Kern County.....	10		1
Marion County.....	19			Lake County.....	14	1	
Marshall County.....	7			Lassen County.....	1		2
Mobile County.....			1	Los Angeles County—			
Montgomery County.....			1	Glendale.....	17		
Pike County.....	33	4		Los Angeles.....	83	29	3
Sumter County.....	26			Venice.....	74		
Walker County.....		3		Scattering.....	62	6	2
Washington County.....	2			Marin County.....	4		1
Winston County.....	11			Mariposa County.....	23	12	
Total.....	338	30	18	Mendocino County.....	12		1
Arkansas:				Merced County.....	19	3	
Benton County.....	4	1	3	Modoc County.....	3	1	4
Bradley County.....	5	2	1	Monterey County.....	2		
Calhoun County.....	4			Napa County—			
Clay County.....			2	Napa.....	26	1	
Conway County.....	3			Scattering.....	47	10	
Drew County.....	24			Nevada County.....	1	3	
Faulkner County.....	23	1		Orange County.....	6	1	
Franklin County.....	47			Placer County.....	1		
Greene County.....	2	6		Plumas County.....	1		
Hempstead County.....	38			Riverside County—			
Hot Spring County.....	5	5		Corona.....	28		
Lafayette County.....	13			Riverside.....	1		
Lonoke County.....	2			San Bernardino County—			
Miller County.....		8	2	Redlands.....	19		
Mississippi County.....	5	1		Scattering.....	49		
Monroe County.....	8			San Diego County—			
Onachita County.....		1		National City.....		11	
Pike County.....	111	50	5	San Diego.....	10	11	2
Poinsett County.....	2	2		Scattering.....	11	34	
Pope County.....	2	1		San Francisco County.....	36	11	5
Pulaski County.....	20			San Joaquin County.....	1	1	
St. Francis County.....	4	2		San Louis Obispo County.....	1		
Saline County.....	140			San Mateo County.....		5	
Scott County.....			3	Santa Barbara County.....	3		
Sebastian County.....	35	7		Santa Clara County.....	12		
Sharp County.....	1			Santa Cruz County.....	8		
Union County.....	23	2		Shasta County.....	12	3	
Washington County.....	3			Sierra County.....	1	1	
White County.....	6	1		Siskiyou County.....		2	1
Total.....	550	90	16	Solano County.....	1		
				Sonoma County.....	11		1
				Stanislaus County.....	16	4	
				Sutter County.....	1		
				Tehama County.....	6		

STATE REPORTS FOR APRIL, MAY, AND JUNE, 1922—Continued.

INFLUENZA—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Apr.	May.	June.		Apr.	May.	June.
California—Continued.				Hawaii:			
Tulare County.....	1	3	.....	Hawaii—			
Ventura County—				North Kona.....		60	.....
Fillmore.....	12			South Kohala.....		17	.....
Scattering.....	5		2	Scattering.....		4	2
Total.....	756	166	29	Kauai.....	2		
Colorado:				Maul.....			
Boulder County.....	8			Waialuku.....		11	.....
Mesa County.....	1			Scattering.....	1	1	.....
Montezuma County.....	13			Oahu.....			
Morgan County.....		4		Honolulu.....	111	27	3
Rio Grande County.....	4			Koolauloa.....	22	3	
Summit County.....	15			Scattering.....	9	7	6
Weld County.....	8			Total.....	145	130	11
Yuma County.....	13						
Total.....	62	4	1.2	Idaho:			
Connecticut:				Owyhee County.....	3		
Fairfield County.....	20	6	2	Illinois:			
Hartford County.....	26	16	3	Adams County.....	8	4	.....
Litchfield County.....	272	3	1	Alexander County.....	3		
New Haven County.....	52	10	16	Boone County.....	1		
New London County.....	24	11		Bureau County.....	3		
Tolland County.....	1			Calhoun County.....	36	1	.....
Windham County.....		1		Carroll County.....	3		
Total.....	395	47	22	Champaign County.....	1		1
Delaware:				Coles County.....	1		
New Castle County.....	2	1	.....	Cook County.....	150	49	16
Sussex County.....	6			Franklin County.....	11	2	
Total.....	8	1		Fulton County.....	2		
District of Columbia.....	9	1		Gallatin County.....		1	
Florida:				Hancock County.....	1		
Alachua County.....			1	Henry County.....	10	1	1
Bay County.....			2	Iroquois County.....	6		
Bradford County.....	1	1	1	Jasper County.....	2		
Brevard County.....		3	1	Jefferson County.....	4		
Columbia County.....		6	2	Jersey County.....	1		
Dade County—				Johnson County.....	5	1	
Miami City.....		18	4	Kane County.....	8		
Scattering.....			1	Kendall County.....	1		
Duval County.....	4	2	1	Knox County.....	2	1	
Escambia County.....		1		Lake County.....	5		1
Flagler County.....			2	La Salle County.....			18
Gadsden County.....	2	16	3	McDonough County.....	20		
Hardee County.....			13	Macon County.....	4		
Hillsborough County—				Madison County.....	2		
Tampa.....	11	6	15	Massac County.....	8		
Scattering.....	1	1	6	Mercer County.....	3		
Holmes County.....		2		Peoria County.....		1	
Jackson County.....	7	28	7	Pike County.....	9		
Jefferson County.....	1			Rock Island County.....	3		
Lake County.....	1			St. Clair County.....		1	
Lee County.....	1			Saline County.....	2		
Leon County.....	1		1	Sangamon County.....	6	2	2
Liberty County.....	1			Shelby County.....	1		
Madison County.....		3		Stark County.....	10		
Marion County.....		1	63	Tazewell County.....	1		
Osceola County.....		1		Union County.....	16	2	
Pasco County.....	21		17	Vermillion County.....	4	5	
Folk County.....			8	Wabash County.....	10		
Putnam County.....		2	1	Warren County.....		1	
St. Johns County.....	1		1	Wayne County.....	2		
Suwanee County.....		1	6	White County.....		1	
Union County.....	20	3		Whiteside County.....	16		
Walton County.....		1		Will County.....	2		
Total.....	73	96	161	Williamson County.....	16		
				Winnebago County.....	10	3	3
				Woodford County.....	2		
				State institutions.....	37	10	
				Place not stated.....			3
				Total.....	448	86	45
				Indiana:			
				Clay County.....	1		
				Elkhart County.....	1		

1 Places not stated.

STATE REPORTS FOR APRIL, MAY, AND JUNE, 1922—Continued.

INFLUENZA—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Apr.	May.	June.		Apr.	May.	June.
Indiana—Continued.				Louisiana—Continued.			
Gibson County.....	10			St. Mary Parish.....	1		
Henry County.....	1			Tangipahoa Parish.....	4		1
Huntington County.....		1		Terrebonne Parish.....	1		1
Jasper County.....	1	1		Vermilion Parish.....	1		
Kosciusko County.....			1	Vernon Parish.....	45		
Martin County.....	20	1		Washington Parish.....	3		
Randolph County.....	1			Webster Parish.....	2		
Wayne County.....	2			West Feliciana Parish.....	1		
Total.....	37	3	1	Winn Parish.....	57	2	
Kansas:				Total.....			
Barber County.....	1				608	107	2
Barton County.....	1	1		Maine:			
Brown County.....		1		Androscoggin County.....	3		
Cherokee County.....	5			Aroostook County.....			
Crawford County.....	2			Castle Hill Town.....	15		
Decatur County.....	7			Sherman Town.....	10		
Dickinson County.....	15			Cumberland County.....			
Ellsworth County.....	1			Freeport Town.....	25		
Ford County.....	3			Scattering.....	2		
Greeley County.....	4			Franklin County.....			
Harvey County.....	1			Kingfield Town.....	18		
Linn County.....		1		Hancock County.....			
Marion County.....	2	2		Brooksville Town.....	8		
Marshall County.....	1			Castine Town.....	24		
Montgomery County.....	3			Kennebec County.....	15		
Rawlins County—				Knox County.....			
Ludell.....	12	11		Camden Town.....	15		
Scattering.....	4			North Haven Town.....	23		
Republic County.....	1			Rockland.....	78		
Seward County.....	1			Washington Town.....	21		
Smith County.....	1			Lincoln County.....			
Sumner County.....	2		2	Bristol Town.....	35		
Wilson County—				Oxford County.....		4	
New Albany.....	13			Piscataquis County—			
Fredonia.....	11	1		Brownville Town.....	23		
Total.....	91	17	2	Milo Town.....		2	
Louisiana:				Somerset County—			
Acadia Parish.....	1	5		Madison Town.....	47		
Allen Parish.....	75			Canaan Town.....	2	1	
Ascension Parish.....	2			Waldo County—			
Assumption Parish.....	34			Belfast.....	95		
Avoyelles Parish.....	24			Belmont Town.....	13		
Bienville Parish.....	6	1		Searsport Town.....	5		
Caddo Parish.....	29			York County—			
Calcasieu Parish.....	25	3		Sanford Town.....	1	20	
Concordia Parish.....	5			Scattering.....	2		
De Soto Parish.....	40			Total.....	480	27	12
East Baton Rouge Parish.....	6	1		Maryland:			
East Carroll Parish.....		1		Allegany County.....	14	1	3
East Feliciana Parish.....	19	10		Anne Arundel County.....	1	8	
Franklin Parish.....	1			Baltimore City.....	69	9	
Grant Parish.....	11	6		Baltimore County.....	12	2	
Iberia Parish.....	3	1		Calvert County.....	10		
Iberville Parish.....	51			Caroline County.....	37	5	
Jackson Parish.....		1		Carroll County.....	5	1	
Jefferson Davis Parish.....	8			Charles County.....	20	2	2
Lafourche Parish.....		1		Dorchester County—			
La Salle Parish.....	21			Cambridge.....	20	1	
Lincoln Parish.....	2			Scattering.....	126	11	14
Livingston Parish.....	7			Frederick County.....	36	2	
Madison Parish.....	8			Harford County.....	5	1	
Morehouse Parish.....		72		Howard County.....	25	6	
Natchitoches Parish.....	7			Kent County.....	6	4	
Orleans Parish.....	15	3		Montgomery County.....	24	1	
Ouachita Parish.....	11			Prince Georges County.....	5	1	
Pointe Coupee Parish.....	12			Queen Annes County.....	1		
Rapides Parish.....	9			Somerset County—			
Richland Parish.....	23			Crisfield.....	13		1
St. Charles Parish.....	17			Scattering.....	17	7	2
St. Landry Parish.....	21			Talbot County.....	81	12	
				Washington County.....	16	5	

¹ Places not stated.

STATE REPORTS FOR APRIL, MAY, AND JUNE, 1922—Continued.

INFLUENZA—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Apr.	May.	June.		Apr.	May.	June.
Maryland—Continued.				Mississippi—Continued.			
Wicomico County—				Lincoln County.....	72	14	.....
Salisbury.....	18	4	.....	Lowndes County.....	16		4
Scattering.....	103	2	.....	Madison County.....	25		.....
Worcester County.....	8	3	.....	Marion County.....	209	49	.....
State Hospital.....		1	.....	Marshall County.....	30	3	12
Total.....	677	80	22	Monroe County.....	112	13	19
Massachusetts.....				Montgomery County.....	20		.....
Michigan.....	163	38	11	Newton County.....	22	7	.....
	260	22	(¹)	Noxubee County.....	55		.....
Minnesota:				Oktibbeha County.....	12		.....
Becker County.....		2	.....	Panola County.....	4		.....
Blue Earth County—				Pearl River County.....	215	33	.....
Good Thunder.....	20		.....	Pike County.....	121	20	3
Clay County.....	3	3	.....	Pontotoc County.....	40		.....
Freeborn County.....	1		.....	Prentiss County.....	8		.....
Kittson County.....	1		.....	Quitman County.....	2	2	.....
Koochiching County.....		1	.....	Rankin County.....	10		.....
Lac qui Parle County.....		2	.....	Scott County.....	29		.....
Marshall County—				Sharkey County.....	8	9	3
Warren.....	25		.....	Simpson County.....	37		.....
Nicollet County.....	1		.....	Stone County.....	29	54	38
Ottertall County.....	8	3	.....	Sunflower County.....	77	74	11
Pennington County.....	3	2	.....	Tallahatchie County.....	44	1	.....
Pine County.....	1		.....	Tate County.....	6		.....
Redwood County.....	2		1	Tippecanoe County.....	9		.....
St. Louis County—				Tunica County.....	30	15	.....
Chisholm.....	200		.....	Union County.....	3		.....
Scattering.....	6	1	.....	Walthall County.....	23	5	5
Sibley County.....	1		.....	Warren County.....	62		.....
Wabasha County.....		1	.....	Washington County.....	65	32	1
Winona County.....	1	1	.....	Wayne County.....	45		.....
Wright County.....	1		.....	Webster County.....	15		1
Total.....	273	17	1	Wilkinson County.....	10		.....
Mississippi:				Winston County.....	215	2	.....
Adams County.....	30	3	.....	Yaobusha County.....	29	13	.....
Alcorn County.....	27	28	4	Yazoo County.....	21		.....
Amite County.....	73	2	.....	Total.....	4,341	753	198
Attala County.....	16		.....	Montana.....	14		1
Bolivar County.....	80	8	.....	Nebraska.....	108	3	.....
Carroll County.....	47		.....	New Jersey:			
Chickasaw County.....	21	16	.....	Bergen County.....	5	5	.....
Chalborne County.....	2		.....	Burlington County.....	4		.....
Clarke County.....	355	3	.....	Camden County.....	1		.....
Clay County.....	113	30	3	Cape May County.....	8	2	2
Coahoma County.....	20	4	.....	Cumberland County.....	4		.....
Copiah County.....	79		.....	Essex County.....	59	24	12
Covington County.....	33	14	22	Hudson County.....	17	5	.....
De Soto County.....	13	2	.....	Hunterdon County.....	1	2	.....
Forrest County.....	95	35	17	Mercer County.....	9		.....
Franklin County.....	22		.....	Monmouth County.....	2	3	.....
Greene County.....	77	3	.....	Morris County.....	4		.....
Hancock County.....	14		.....	Passaic County.....	1		1
Harrison County.....	234	29	4	Salem County.....		1	.....
Hinds County.....	67		.....	Union County.....	1	1	.....
Holmes County.....	186	143	35	Warren County.....	1		.....
Humphreys County.....		9	.....	Total.....	116	43	15
Jackson County.....	12		.....	New Mexico:			
Jasper County.....	135		.....	Catron County.....	12		.....
Jefferson County.....	10		.....	Chaves County.....	2		.....
Jefferson Davis County.....	58	30	6	Colfax County.....	9		.....
Jones County.....	280	12	.....	Dona Ana County.....		5	.....
Kemper County.....	1		.....	Grant County.....			.....
Lafayette County.....	170	10	.....	Luna County.....	3		.....
Lamar County.....	15		.....	Mora County.....	10		.....
Lauderdale County.....	100		.....	Otero County.....	42		.....
Lawrence County.....		4	.....	Rio Arriba County.....	27		.....
Leake County.....	48		.....	Sandoval County.....		2	.....
Lee County.....	85	7	8	Santa Fe County.....	212	1	.....
Leflore County.....	61	8	2	Sierra County.....	5	6	.....

¹ Report for June not received at time of going to press.

STATE REPORTS FOR APRIL, MAY, AND JUNE, 1922—Continued.

INFLUENZA—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Apr.	May.	June.		Apr.	May.	June.
New Mexico—Continued.				New York—Continued.			
Socorro County.....	18	3	1	Otsego County—Contd.			
Taos County.....	53			Otsego.....	27		
Torrance County.....	6			Scattering.....	1	1	
Valencia County.....	114	4		Rensselaer County—			
Total.....	524	21	1	Petersburg Town.....	31	7	
New York:				Pittstown Town.....	14		
Albany County—				Scattering.....	34	1	
Albany.....	35	2	4	Rockland County.....	6		
Cohoes.....	1			St. Lawrence County—			
Allegany County—				Potsdam.....	127		2
Hume Town.....	21			Scattering.....	11		
Scattering.....	13			Saratoga County—			
Broome County—				Saratoga Springs.....	27		1
Binghamton.....	48	13	1	Malta Town.....	17		
Scattering.....	7	1		Scattering.....	5		1
Cattaraugus County.....	9	1		Schoharie County.....	3		
Cayuga County.....	3	1		Schuyler County.....	4		
Chautauqua County—				Seneca County—			
Dunkirk.....	30			Ovid Town.....	11		
Scattering.....	6	3		Scattering.....	11	2	
Chenango County.....	7	1		Steuben County—			
Clinton County.....	2	1		Bath.....	27		
Columbia County—				Scattering.....	5	4	1
Ancram Town.....	14			Suffolk County—			
Clermont Town.....	12			Islip Town.....	37	5	
Scattering.....	1	5		Scattering.....		3	1
Cortland County—				Tioga County—			
Cortland.....	11			Owego.....	20	1	
Harford.....	1			Scattering.....		2	
Delaware County—				Tompkins County.....	3		
Hamden Town.....	27			Ulster County—			
Walton Town.....	21			Rochester Town.....	12		
Scattering.....	4	1		Wawarsing.....	3		
Dutchess County—				Warren County.....	7	1	
Hyde Park Town.....	26	7		Washington County.....	6	1	1
Scattering.....	15	4		Wayne County—			
Erie County—				Savannah Town.....	19		
Buffalo.....	40	4		Sodus Town.....	14	3	
Clarence Town.....		9	24	Williamson Town.....	10	2	7
Scattering.....	3	3	2	Scattering.....	8		6
Essex County—				Westchester County.....	9		1
Bloomington.....	23	16		Wyoming County.....	7		
Scattering.....	3	2		State Hospitals.....	104	51	4
Franklin County—				New York City.....	166	98	40
Moir Town.....	34			Total.....	1,540	294	102
Waverly Town.....	12			North Dakota.....	22	22	1
Scattering.....	9						
Genesee County.....	1			Ohio:			
Greene County.....	5			Ashland County.....	12		
Hamilton County.....			1	Ashtabula County.....	10		
Herkimer County—				Athens County.....	10		
Little Falls.....	41	15		Belmont County.....	3	2	
Jefferson County.....	7	7		Butler County.....	1		
Lewis County.....			1	Carroll County.....	7	3	
Livingston County.....	5			Champaign County.....	2		
Monroe County.....	18		1	Coshocton County.....	3	3	
Montgomery County—				Cuyahoga County.....	27	2	4
Root Town.....	20			Erie County.....	1		
Scattering.....	18	6		Franklin County.....	15	11	
Nassau County.....	2	1		Guernsey County.....	9	3	
Niagara County.....	9	3	1	Hamilton County.....	5	4	1
Oncida County.....	17	2	2	Henry County.....	1		
Onondaga County.....	21	2		Highland County.....	6		
Ontario County.....	13			Hocking County.....	1		
Orange County—				Huron County.....	5		
Cornwall Town.....	34			Jefferson County.....	1	2	
Cornwall.....	21	1		Lake County.....	1		
Scattering.....	22			Licking County.....	3		
Orleans County.....	1			Lorain County.....	2		
Oswego County.....	1			Lucas County.....	5	4	
Otsego County—				Mahoning County.....	6		
Hartwick Town.....	14			Miami County.....	3		
Otsego Town.....	37			Monroe County.....	1		
				Montgomery County.....		1	
				Muskingum County.....	1		

STATE REPORTS FOR APRIL, MAY, AND JUNE, 1922—Continued.

INFLUENZA—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Apr.	May.	June.		Apr.	May.	June.
Ohio—Continued.				Virginia—Continued.			
Noble County.....	3			Culpeper County.....	15	1	
Ottawa County.....	5	1	3	Cumberland County.....	3	3	
Pickaway County.....	1			Dickenson County.....	9		
Portage County.....	3		1	Dinwiddie County.....	20	26	
Putnam County.....	2			Elizabeth City County.....	13		1
Richland County.....	3			Fauquier County.....	45	27	
Ross County.....	1	1		Floyd County.....	9		
Shelby County.....	1			Fluvanna County.....		2	
Summit County.....	11	2	2	Franklin County.....	19		
Trumbull County.....	2	2		Frederick County.....	45		
Union County.....	2			Giles County.....	119	25	
Vinton County.....	4			Goochland County.....	6	7	4
Wood County.....	4			Graysen County.....	121	40	
Total.....	181	41	11	Greene County.....	43	32	5
Oklahoma:				Greensville County.....	6		
Blaine County.....		20		Halifax County.....	30	5	
McIntosh County.....		25		Hanover County.....	31	35	10
Mayes County.....	71			Henrico County.....	89	23	4
Stephens County.....	1			Henry County.....	28	12	14
Total.....	72	45		Isle of Wight County.....	8		
Oregon.....	5	2		James City County.....	10		
Rhode Island:				King and Queen County.....	10		
Kent County.....	19	6		King George County.....	2		
Providence County.....	1			King William County.....	6		
Washington County.....	45	7		Lancaster County.....	3	2	2
Total.....	65	13		Lee County.....	18	4	15
South Carolina:				Loudoun County.....	61	43	3
Cherokee County.....	10	3		Louisa County.....	3		
Dillon County.....	3			Lunenburg County.....	13		
Greenville County.....	27			Madison County.....	37	6	
Lexington County.....		10		Mecklenburg County.....	41	3	
Marion County.....	11			Middlesex County.....	4	7	
York County.....	10	7		Montgomery County.....	31	28	4
Total.....	61	20		Nansemond County.....	37	1	7
South Dakota:				Nelson County.....	25	2	
Grant County.....	3			New Kent County.....	13	4	
Jackson County.....	4			Northampton County.....	42	9	
Roberts County.....	1			Northumberland County.....	53	47	0
Stanley County.....	4			Nottoway County.....	22	2	1
Union County.....	4			Orange County.....	22	5	7
Total.....	16			Pago County.....	15	4	16
Vermont.....	14			Patrick County.....	4		
Virginia:				Pittsylvania County.....	82	19	22
Accomac County.....	36	12		Powhatan County.....	25		
Albemarle County.....	111	14	1	Prince Edward County.....	30		
Alleghany County.....	72	18	4	Princess Anne County.....	5		
Amelia County.....	8	6	2	Prince William County.....	26	7	6
Amherst County.....	3			Pulaski County.....	42		
Appomattox County.....	10	16		Rappahannock County.....	35		
Augusta County.....	110	21	21	Roanoke County.....	42	3	4
Bath County.....	15			Rockbridge County.....	174	8	5
Bedford County.....	35	4	2	Rockingham County.....	99	22	
Bland County.....	71	3		Russell County.....	117	29	15
Botetourt County.....	11	9	5	Scott County.....	37	13	10
Brunswick County.....	14	3		Shenandoah County.....	101	24	
Buchanan County.....	89	18		Smyth County.....	82	11	
Buckingham County.....	3			Southampton County.....	34	25	5
Campbell County.....	31	2		Spotsylvania County.....	21	25	
Caroline County.....		51	12	Stafford County.....	3		
Carroll County.....	30			Surry County.....	19		
Chesterfield County.....	4			Sussex County.....	28	5	
Clarke County.....	39	10	3	Tazewell County.....	112	19	6
Craig County.....	2			Warren County.....	23		
				Warwick County.....	4		
				Washington County.....	45	18	9
				Westmoreland County.....	86	32	10
				Wise County.....	101	51	2
				Wythe County.....	74	20	6
				York County.....	11		
				Total.....	3,285	808	252
				Washington.....	27	15	
				West Virginia.....	669	80	18

STATE REPORTS FOR APRIL, MAY, AND JUNE, 1922—Continued.

INFLUENZA—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Apr.	May.	June.		Apr.	May.	June.
Wisconsin:				Wisconsin—Continued.			
Adams County.....			4	Outagamie County.....	29	3	
Ashland County.....	16			Peplin County.....	8		
Barron County.....	39	1		Pierce County.....	8	25	
Bayfield County.....	23	2		Polk County.....	222	1	
Brown County.....	16	1		Portage County.....	5	5	
Buffalo County.....	6	19		Price County.....	217		
Burnett County.....	4			Racine County.....		3	
Calumet County.....	45			Richland County.....	55	1	4
Chippewa County.....	58	6	1	Rock County.....	16	2	
Clark County.....	36	4		Rusk County.....	1	2	
Columbia County.....	45	7		St. Croix County.....	8		
Crawford County.....	46	8	2	Sauk County.....	18	2	
Dane County.....	3	4		Shawano County.....	118	48	
Dodge County.....	30			Sheboygan County.....	62	8	
Door County.....			4	Taylor County.....	21	1	
Dunn County.....	20			Trempealeau County.....	152	43	2
Eau Claire County.....	14			Vernon County.....	55	1	13
Fond du Lac County.....	93			Vilas County.....	30		
Forest County.....	26			Walworth County.....	36		
Grant County.....	103	5		Washburn County.....	25	5	
Green County.....	28			Washington County.....	29		
Green Lake County.....	6		3	Waukesha County.....	10	1	
Iowa County.....	23	3		Waupaca County.....	3	5	
Iron County.....	54			Waushara County.....	39	1	1
Jackson County.....	96	3		Winnebago County.....		3	
Jefferson County.....	20	2					
Juneau County.....	11			Total.....	2,475	279	34
Kewaunee County.....	5	3					
La Crosse County.....	27	3		Wyoming:			
Langlade County.....	62			Carbon County.....		11	
Lincoln County.....	11			Crook County.....	45	6	
Marquette County.....	41	3		Goshen County.....	5		
Marathon County.....	29			Natrona County.....	41	2	
Marinette County.....	127			Platte County.....	30	1	
Marquette County.....	10			Sheridan County.....	1		
Milwaukee County.....	13	4		Washakie County.....			
Monroe County.....	35						
Oconto County.....	8	19		Total.....	124	22	
Oneida County.....	79	22					

LEPROSY.

Arkansas:				Hawaii—Continued.			
Pulaski County—				Kauai—			
Little Rock.....		1		Koloa.....	1		
				Lihue.....			1
California:				Mauai—			
Kern County—				Lahaina.....	1	3	
Bakersfield.....		1		Oahu—			
Riverside County—				Honolulu.....	1	2	3
Corona.....		1		Koolauloa.....		1	
Sacramento County—				Waialua.....		1	
Sacramento.....	1			Total.....	3	11	6
San Francisco County—							
San Francisco.....		1	1	Louisiana:			
Santa Barbara County—				Jefferson Davis Parish—			
Los Alamos.....		1		Elton.....	1		
Total.....	1	4	1	Lafourche Parish—			
				Cut Off.....		1	
Florida:				Orleans Parish—			
Hillsborough County—				New Orleans.....	2	2	
Tampa.....		1		Total.....	3	3	
Hawaii:				Minnesota:			
Hilo—				Olsted County—			
Hilo.....		1	2	Rochester.....		1	
Kau.....		1		Mississippi.....	2		
South Kona.....		2		Virginia—			
				Henrico County—			
				Richmond.....	1		

¹ In transit. Deported to China.

STATE REPORTS FOR APRIL, MAY, AND JUNE, 1922—Continued.

MALARIA.

Place.	New cases reported.			Place.	New cases reported.		
	Apr.	May.	June.		Apr.	May.	June.
Alabama:				California:			
Baldwin County.....	2	5	5	Butte County.....			1
Bullock County.....		1	1	Colusa County.....		3	
Calhoun County.....	1	4	2	Modoc County.....			2
Chambers County.....		1		Nevada County.....		1	
Choctaw County.....		2	3	Sacramento County.....		1	1
Colbert County.....		3	8	San Francisco County.....	2	4	1
Crenshaw County.....			2	San Joaquin County.....		1	
Dale County.....			5	Santa Clara County.....		1	
Dallas County.....	3	3	4	Solano County.....			1
Escambia County.....	3			Stanislaus County.....		2	
Etowah County.....	2			Tehama County.....			1
Hale County.....		2	2	Tulare County.....	1		
Henry County.....			1	Total.....	3	13	7
Houston County.....	4	20	39	Connecticut:			
Jackson County.....	1		1	Fairfield County.....		1	1
Jefferson County.....			2	Hartford County.....		1	3
Lauderdale County.....		4	18	New London County.....	1		
Lawrence County.....	1	5	2	Total.....	1	2	4
Macon County.....		4	2	Delaware:			
Marion County.....	1	1	3	Sussex County.....	4	1	5
Mobile County.....	17	1	12	Florida:			
Montgomery County.....	3	2	4	Alachua County.....			1
Pike County.....		1	1	Calhoun County.....		1	
Shelby County.....		1		Citrus County.....		3	
Sumter County.....	3	2	1	Clay County.....	1		
Talladega County.....		1	1	Columbia County.....			7
Tuscaloosa County.....	2	13		Duval County.....			
Walker County.....		3		Jacksonville.....	7	17	18
Washington County.....		1	2	Scatterings.....	1		2
Wilcox County.....				Escambia County.....		1	
Total.....	40	78	127	Gadsden County.....		2	4
Arkansas:				Hernando County.....			4
Bradley County.....	23	16	38	Hillsborough County—			
Calhoun County.....		3	1	Tampa.....	18	17	37
Clay County.....			4	Scatterings.....	5	8	4
Cleveland County.....	2	3	4	Holmes County.....		2	
Columbia County.....			2	Jackson County.....	1	7	1
Desha County.....			7	Jefferson County.....			1
Drew County.....	7	24	25	Lee County.....	1	2	
Faulkner County.....	3		13	Leon County.....	2	3	5
Franklin County.....	3	6	9	Levy County.....			3
Greene County.....		5	8	Madison County.....		1	
Hempstead County.....	16	8	15	Marion County.....			12
Hot Spring County.....		6	21	Nassau County.....			1
Howard County.....			1	Orange County.....			1
Izard County.....	2	2	3	Pasco County.....		1	
Jackson County.....			14	Pinellas County.....	1		
Lafayette County.....	3	6	6	Polk County.....			2
Lawrence County.....		4		Putnam County.....	2	2	1
Logan County.....		8		St. Johns County.....		2	4
Lonoke County.....	2			St. Lucie County.....			3
Miller County.....	1	15	26	Seminole County.....		2	
Mississippi County.....			10	Suwanee County.....		1	1
Monroe County.....			3	Volusia County.....		1	
Newton County.....		1		Washington County.....			1
Ouachita County.....	15	16	24	Total.....	39	73	113
Pike County.....	9	10	14	Illinois:			
Poinsett County.....		1	5	Alexander County.....	2		
Pope County.....	2	10	20	Christian County.....			1
Prairie County.....		1		Clinton County.....	2		
Pulaski County.....	8	18	27	Cook County.....		2	1
St. Francis County.....	7	6	25	Franklin County.....	5	3	9
Saline County.....	2	44	62	Gallatin County.....	1	5	
Scott County.....			16	Greene County.....			1
Sebastian County.....	5	13	13	Iroquois County.....			1
Sharp County.....	8	10	10	Jackson County.....			1
Union County.....	10	20	26				
Washington County.....			1				
White County.....	4						
Total.....	132	256	453				

STATE REPORTS FOR APRIL, MAY, AND JUNE, 1922—Continued.

MALARIA—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Apr.	May.	June.		Apr.	May.	June.
Illinois—Continued.				Maryland—Continued.			
Jasper County.....			1	Calvert County.....			1
Johnson County.....	1		1	Charles County.....		1	1
Kane County.....		1		Kent County.....			1
Kendall County.....	1			Wicomico County—			
Lake County.....		1	2	Salisbury.....	7	14	10
Lawrence County.....		2		Scattering.....	2	1	1
McLean County.....	6	2	4	Worcester County.....		1	
Marion County.....	1			Total.....	13	18	16
Mason County.....			2	Massachusetts:			
Randolph County.....			11	Bristol County.....		1	
St. Clair County.....			2	Hampden County.....			1
Saline County.....			2	Middlesex County.....		1	1
Shelby County.....			1	Suffolk County.....		2	2
Union County.....	3	30	10	Total.....		4	5
Wabash County.....	5			Mississippi:			
Will County.....			4	Adams County.....	20	40	31
Williamson County.....		1		Alcorn County.....	47	75	98
Southern Illinois Peniten-				Amite County.....	39	51	35
tiary.....	2	3		Attala County.....	57	85	131
Total.....	29	50	54	Benton County.....	8	13	21
Kansas:				Bolivar County.....	471	602	1,355
Cherokee County.....			1	Calhoun County.....	7	34	69
Crawford County.....			2	Carroll County.....	31	58	112
Labette County.....			1	Chickasaw County.....	44	49	102
Sedgwick County.....		1		Choctaw County.....	17	16	55
Shawnee County.....			1	Claiborne County.....	33	50	52
Total.....		1	5	Clarke County.....	45	74	82
Louisiana:				Clay County.....	31	50	46
Assumption Parish.....	2	1		Coahoma County.....	176	225	
Avoyelles Parish.....	4	5	7	Copiah County.....	92	98	138
Beauregard Parish.....	1			Covington County.....	45	55	73
Bienville Parish.....	1			De Soto County.....		67	59
Caddo Parish.....		1	2	Forrest County.....	62	42	77
Calcasieu Parish.....			5	Franklin County.....	41	50	49
Catahoula Parish.....		1	2	George County.....	14	26	51
De Soto Parish.....			6	Greene County.....	38	87	81
East Baton Rouge Parish.....		1	2	Grenada County.....	25	26	38
East Carroll Parish.....	1	12	34	Hancock County.....	44	47	66
East Feliciana Parish.....		3		Harrison County.....	10	15	9
Franklin Parish.....	1			Hinds County.....	119	172	230
Grant Parish.....	1	16	12	Holmes County.....	196	236	353
Iberia Parish.....	2			Humphreys County.....	116	165	279
Iberville Parish.....		22	33	Issaquena County.....	24		27
Jackson Parish.....	1			Itawamba County.....	21	13	49
Jefferson Davis Parish.....			2	Jackson County.....	10	28	36
Lafayette Parish.....		17		Jasper County.....	64	74	98
Lafourche Parish.....	1			Jefferson County.....	32	54	77
La Salle Parish.....			37	Jefferson Davis County.....	36	66	97
Natchitoches Parish.....	10	7		Jones County.....	50	34	60
Orleans Parish.....	1	4	2	Kemper County.....	31	41	38
Pointe Coupee Parish.....		1		Lafayette County.....	49	90	189
Rapides Parish.....	3		7	Lamar County.....	24	12	37
Red River Parish.....	1	3	3	Lauderdale County.....	40	64	92
St. Charles Parish.....		1		Lawrence County.....	86	86	86
St. Landry Parish.....			2	Leake County.....	54	63	104
St. Martin Parish.....		1		Lee County.....	75	187	239
St. Mary Parish.....			5	Leflore County.....	256	405	795
St. Tammany Parish.....		1	3	Lincoln County.....	22	40	78
Terrebonne Parish.....			2	Lowndes County.....	46	68	138
Union Parish.....		1		Madison County.....	19	42	60
Vermilion Parish.....	4	6	7	Marion County.....	42	62	102
Vernon Parish.....	3		1	Marshall County.....	22	38	90
Washington Parish.....	2	2	2	Monroe County.....	142	253	299
Webster Parish.....			1	Montgomery County.....	22	35	60
West Feliciana Parish.....		1	1	Neshoba County.....	25	36	63
Total.....	48	107	178	Newton County.....	13	14	16
Maryland:				Noxubee County.....	34	30	50
Anne Arundel County.....	1			Oktibbeha County.....	60	248	137
Baltimore City.....	3	1	2	Panola County.....	54	163	171
				Pearl River County.....	31	44	39
				Perry County.....	18	37	22

STATE REPORTS FOR APRIL, MAY, AND JUNE, 1922—Continued.

MALARIA—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Apr.	May.	June.		Apr.	May.	June.
Mississippi—Continued.				South Carolina—Continued.			
Pike County.....	31	44	69	Lexington County.....		3	
Pontotoc County.....	96	94	92	Marion County.....	29		
Prentiss County.....	21	30	63	Spartanburg County.....		2	
Quitman County.....	166	228	253	Union County.....			5
Rankin County.....	25	53	22				
Scott County.....	55	72	89	Total.....	30	6	5
Sharkey County.....	45	116	167				
Simpson County.....	30	60	65	Virginia:			
Smith County.....	21	13	28	Accomac County.....	5	17	20
Stone County.....	10	21	17	Alexandria City.....		1	
Sunflower County.....	289	401	706	Appomattox County.....	1		
Tallahatchie County.....	66	147	243	Augusta County.....	3		
Tate County.....	150	162	212	Brunswick County.....	6	14	11
Tippah County.....	52	59	136	Buckingham County.....			2
Tishomingo County.....	63	48	98	Caroline County.....		4	4
Tunica County.....	98	310	199	Charles City County.....		3	
Union County.....	24	61	91	Charlotte County.....		6	7
Walshall County.....	4	14	13	Clarke County.....	2		
Warren County.....	134	115	235	Cumberland County.....		2	1
Washington County.....	108	191	322	Dinwiddie County.....	1		10
Wayne County.....	24	25	32	Elizabeth City County.....			3
Webster County.....	17	42	48	Essex County.....		3	
Wilkinson County.....	17	23	30	Fauquier County.....	1		
Winston County.....	50	74	84	Franklin County.....		1	4
Yalobusha County.....	32	54	83	Frederick County.....			1
Yazoo County.....	150	216	302	Giles County.....	1		
Total.....	5,081	7,516	10,745	Gloucester County.....	1		
New Jersey:				Goochland County.....		3	5
Bergen County.....		1	1	Greensville County.....	10	4	10
Essex County.....	1	2	4	Halifax County.....	1	5	8
Mercer County.....			2	Hanover County.....	2	3	13
Middlesex County.....			3	Henrico County.....	6	7	2
Monmouth County.....	1			Henry County.....		1	2
Passaic County.....	1		1	Isle of Wight County.....	16	26	25
Somerset County.....	1			James City County.....	4	12	21
Sussex County.....	2	1		King and Queen County.....	1	2	
Union County.....	1			King George County.....	2		
Total.....	7	4	11	King William County.....		2	
New Mexico:				Lancaster County.....			1
Chaves County.....			1	Lee County.....			2
Colfax County.....			1	Loudoun County.....			3
Rio Arriba County.....		1	2	Louisiana County.....			2
Santa Fe County.....		2	5	Lunenburg County.....		5	4
Terrance County.....		1		Mecklenburg County.....			10
Total.....		4	9	Middlesex County.....		8	10
Ohio:				Nansemond County.....	6	4	11
Cuyahoga County.....		1		Nelson County.....	1		
Oklahoma:				New Kent County.....		3	
McIntosh County.....		2		Northampton County.....			27
Mayes County.....	1	6	4	Northumberland County.....	4	10	10
Total.....	1	8	4	Notoway County.....		2	
Pennsylvania:				Orange County.....			1
Delaware County.....	1			Pittsylvania County.....	3	8	17
Philadelphia County.....		2		Powhatan County.....	4	1	6
Total.....	1	2		Prince Edward County.....			
Rhode Island:				Prince George County.....		1	2
Kent County.....		2		Princess Anne County.....	6	7	7
Providence County.....	1			Prince William County.....	4	1	6
Total.....	1	2		Rockbridge County.....		2	
South Carolina:				Russell County.....			1
Charleston County.....	1			Scott County.....			
Fairfield County.....		1		Shenandoah County.....	2		
				Southampton County.....	5	23	4
				Spotsylvania County.....			6
				Stafford County.....			2
				Surry County.....	3		9
				Sussex County.....	4	1	2
				Warwick County.....	11	16	15
				Washington County.....		1	1
				Westmoreland County.....	2		3
				York County.....	2	3	15
				Total.....	123	224	327

STATE REPORTS FOR APRIL, MAY, AND JUNE, 1922—Continued.

PELLAGRA.

Place.	New cases reported.			Place.	New cases reported.		
	Apr.	May.	June.		Apr.	May.	June.
Alabama:				Connecticut:			
Autauga County.....		2		Fairfield County.....		1	
Baldwin County.....	1		2	District of Columbia.....		1	
Butler County.....		1					
Calhoun County.....		1		Florida:			
Cleburne County.....			1	Alachua County.....		1	
Clay County.....		1		Duval County.....	1		
Colbert County.....	1	2	6	Gadsden County.....	4	1	3
Dale County.....			1	Hillsborough County.....	1		1
Dallas County.....	1	1	4	Holmes County.....			1
DeKalb County.....		3	1	Jackson County.....	2	2	
Elmore County.....			1	Madison County.....			1
Franklin County.....		2		Manatee County.....	1		2
Jackson County.....		2	10	Okaloosa County.....	1		
Jefferson County.....	2	7	2	Palm Beach County.....		1	
Lamar County.....		2		Pasco County.....		1	
Lauderdale County.....			2	Pinellas County.....		1	
Lawrence County.....			4	Putnam County.....	1	1	
Lee County.....		2	1	Santa Rosa County.....		1	
Macon County.....			2	Seminole County.....		1	1
Madison County.....		2	3	Volusia County.....		1	
Marengo County.....			5	Walton County.....			3
Mobile County.....	2	2		Total.....	11	11	12
Monroe County.....			3				
Montgomery County.....	1		1	Illinois:			
Sumter County.....			3	Cook County.....		1	3
Washington County.....	1		1	Cumberland County.....			1
Wilcox County.....		3		Franklin County.....			2
Total.....	10	33	53	Rock Island County.....			1
				Chicago State Hospital.....		1	
Arkansas:				Total.....		2	7
Ashley County.....	1						
Bradley County.....			2	Kansas:			
Calhoun County.....		4		Butler County.....	1		
Drew County.....	1			Labette County.....			1
Faulkner County.....			1	Total.....	1		1
Greene County.....			1				
Hempstead County.....	2	1	2	Louisiana:			
Izard County.....			1	Allen Parish.....	1		
Lawrence County.....			1	Caddo Parish.....	2	1	3
Loran County.....			6	Claiborne Parish.....			1
Miller County.....		1	3	Concordia Parish.....			1
Mississippi County.....		11		De Soto Parish.....	1		2
Newton County.....		2		East Baton Rouge Parish.....			2
Ouachita County.....	6	7	8	East Carroll Parish.....		3	1
Pike County.....			2	Franklin Parish.....	1		4
Poinsett County.....	1	2	9	Grant Parish.....			1
Pope County.....	1	2	4	Jackson Parish.....		1	
Pulaski County.....	6	1	1	Lincoln Parish.....		1	
St. Francis County.....	3	2	7	Morehouse Parish.....	2		
Saline County.....	1		1	Orleans Parish.....	3	3	4
Scott County.....		1	2	Ouachita Parish.....	1	1	
Sevier County.....				Rapides Parish.....		3	2
Sharp County.....		1	1	Red River Parish.....			1
Union County.....	1			Richland Parish.....		4	
Washington County.....			1	St. Landry Parish.....	1		
White County.....	2	2		St. Mary Parish.....		1	
Woodruff County.....			1	Vernon Parish.....		1	
Total.....	27	39	62	Washington Parish.....	3		2
				Webster Parish.....		1	1
California:				Winn Parish.....		1	
Los Angeles County.....	2		2	Total.....	15	20	25
Napa County.....			1				
Riverside County.....		2		Maine:			
Sacramento County.....	1			Aroostook County.....	1		
San Diego County.....	1			Maryland:			
San Joaquin County.....		1			1		1
Total.....	4	3	3	Massachusetts:			
				Essex County.....		2	
Colorado:				Norfolk County.....	1		
Prowers County.....			1	Suffolk County.....	1		
				Total.....	2	2	

STATE REPORTS FOR APRIL, MAY, AND JUNE, 1922—Continued.

PELLAGRA—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Apr.	May.	June.		Apr.	May.	June.
Mississippi:				Mississippi—Continued.			
Adams County.....	3	2	2	Yalobusha County.....	1	1	3
Abern County.....	15	6	2	Yazoo County.....	8	11	38
Amite County.....	2	4	1	Total.....	612	1,037	1,329
Attala County.....	2	1	4				
Benton County.....			1	New Mexico:			
Bolivar County.....	118	169	341	Eddy County.....		1	
Calhoun County.....			1				
Carroll County.....			2	Oklahoma:			
Chickasaw County.....	3	4	5	Custer County.....	1		
Claiborne County.....	1	4	3	Haskell County.....		1	
Clarke County.....	1	2	1	McIntosh County.....		1	
Clay County.....	7	3	2	Mayes County.....		1	
Coahoma County.....	55	88		Total.....	1	3	
Copiah County.....	19	13	18				
Covington County.....	1	3	2	Pennsylvania:			
De Soto County.....	6	11	7	Fayette County.....			1
Forrest County.....	13	3	15	Mercer County.....	1		
George County.....	2	2		Total.....	1		1
Greene County.....	2	5	4				
Hancock County.....	1		6	South Carolina:			
Harrison County.....		3	1	Cherokee County.....		2	
Hinds County.....	18	17	21	Marion County.....	1		
Holmes County.....	11	14	37	Newberry County.....			1
Humphreys County.....	23	45	52	Oconee County.....		5	
Itawamba County.....			5	Spartanburg County.....	3	1	1
Jackson County.....		3	6	Union County.....	1		1
Jasper County.....	3	5	2	Total.....	5	8	3
Jefferson County.....	3	9	5				
Jefferson Davis County.....	5	8	4	Virginia:			
Jones County.....	24	3	4	Albemarle County.....	1		1
Kemper County.....	1	2	8	Amherst County.....		3	
Lafayette County.....	1	7	3	Augusta County.....			1
Lamar County.....	1	2	4	Bedford County.....			3
Lauderdale County.....	2	5	13	Brunswick County.....	1	3	1
Lawrence County.....	6	8	10	Buchanan County.....		1	
Leake County.....		2	4	Buckingham County.....	1		
Lee County.....	5	5	4	Campbell County.....			1
Leflore County.....		59	62	Charlotte County.....			1
Lincoln County.....	7	3	0	Dickenson County.....	1		
Lowndes County.....	1		6	Dinwiddie County.....			2
Madison County.....	2	9	16	Fairfax County.....		1	
Marion County.....	9	15	1	Fluvanna County.....		1	1
Marshall County.....	6	9	8	Giles County.....		1	
Monroe County.....	11	14	16	Greene County.....	1		
Montgomery County.....	2	2	3	Greensville County.....		1	
Newton County.....		2	2	Halifax County.....		1	5
Noxubee County.....	5	5	2	Hanover County.....	1		
Oktibbeha County.....	2	13	3	Henry County.....		2	2
Panola County.....	2	4	7	James City County.....	3		
Pearl River County.....	1		1	Lee County.....	1		
Pike County.....	3	3		Lanternburg County.....	1		
Pontotoc County.....	1		3	Madison County.....	1		
Prentiss County.....	1	1		Mecklenburg County.....			2
Quitman County.....	35	46	73	Nansemond County.....			1
Rankin County.....		1		Nelson County.....		1	
Scott County.....			2	New Kent County.....		1	
Sharkey County.....	5	25	22	Page County.....	1		2
Simpson County.....	1	5	3	Patrick County.....			2
Stone County.....		1		Pittsylvania County.....			2
Sunflower County.....	65	128	199	Powhatan County.....		1	
Tallahatchie County.....	25	52	81	Prince Edward County.....	2		
Tate County.....	1	8	14	Roanoke County.....			
Tippah County.....	5			Russell County.....		2	2
Tishomingo County.....	1	4	3	Smyth County.....		1	1
Tunica County.....	17	68	64	Southampton County.....		1	1
Union County.....	2	4	2	Spotsylvania County.....	1		
Walthall County.....	2	5	4	Washington County.....			1
Warren County.....	5	4		Westmoreland County.....			2
Washington County.....	24	72	82	Wise County.....	1	1	1
Wayne County.....	3	1		Total.....	17	23	35
Webster County.....	2	2	4	West Virginia:			
Wilkinson County.....	1	2		Boone County.....			1
Winston County.....	1						

STATE REPORTS FOR APRIL, MAY, AND JUNE 1922—Continued.

POLIOMYELITIS (INFANTILE PARALYSIS).

Place.	New cases reported.			Place.	New cases reported.		
	Apr.	May.	June.		Apr.	May.	June.
Alabama:				Maine:			
Clarke County.....			1	Kennebec County.....	1		
Jefferson County.....			1				
Perry County.....	1			Maryland:			
Walker County.....			1	Baltimore City.....			2
Total.....	1		3	Prince Georges County.....		1	
Arkansas:				St. Marys County.....		1	
Sebastian County.....		1		Total.....		2	2
California:							
Kern County.....			1	Massachusetts:			
Los Angeles County.....	2	2	6	Essex County.....	1		1
San Bernardino County.....		1		Middlesex County.....			3
San Diego County.....		1		Suffolk County.....	2		
San Joaquin County.....	1			Total.....	3		4
Tulare County.....			1				
Total.....	3	4	8	Michigan:			
Colorado:				Kalamazoo County.....	1		
Phillips County.....		1		Kent County.....	1		
Connecticut:				Oakland County.....	1		
Hartford County.....		1		Wayne County.....	1	1	
New Haven County.....		1		Total.....	4	1	(1)
Windham County.....		1					
Total.....		3		Minnesota:			
Florida:				Stearns County.....	1		
Duval County.....		2					
Orange County.....			1	Mississippi:			
Suwanee County.....	1			Alcorn County.....		1	
Total.....	1	2	1	Clarke County.....			1
Illinois:				Harrison County.....			1
Bureau County.....		1		Holmes County.....	1		
Champaign County.....			1	Lawrence County.....		1	
Cook County.....	2	3	2	Noxubee County.....			1
Douglas County.....		1		Total.....	1	2	3
Henry County.....							
La Salle County.....			1	Montana:			
McLean County.....		1		Wheatland County.....		1	
Sangamon County.....			1				
Schuyler County.....			3	Nebraska:			
Total.....	2	7	8	Red Willow County.....		1	1
Indiana:							
Allen County.....		1		New Jersey:			
Jasper County.....	1			Camden County.....	1		
Jennings County.....			1	Essex County.....	3		3
Total.....	1	1	1	Ocean County.....		1	
Iowa:				Passaic County.....		2	
Muscatine County.....		1		Total.....	4	3	3
Webster County.....		1					
Total.....		2		New Mexico:			
Kansas:				Valencia County.....			1
Jewell County.....			1				
Reno County.....		1		New York:			
Total.....		1	1	Cortland County.....		1	
Louisiana:				Dutchess County.....	1		
East Carroll Parish.....			1	Erie County.....		1	
Orleans Parish.....	1		1	Franklin County.....			1
St. Charles Parish.....		1		Lewis County.....		1	
St. Mary Parish.....			1	Montgomery County.....		1	
Winn Parish.....		2	1	Oneida County.....		1	
Total.....	1	3	4	Otsego County.....	1		
				Rensselaer County.....	1		
				St. Lawrence County.....	1		
				Westchester County.....	1	2	1
				New York City.....	3	8	2
				Total.....	8	15	4
				North Carolina:			
				Graham County.....		1	2
				Greene County.....			1
				Yancey County.....		1	
				Total.....		2	3

¹ Report for June not received at time of going to press.

STATE REPORTS FOR APRIL, MAY, AND JUNE, 1922—Continued.

POLIOMYELITIS (INFANTILE PARALYSIS)—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Apr.	May.	June.		Apr.	May.	June.
Ohio:				Vermont:			
Auglaize County.....		1	1	Essex County.....		1	
Belmont County.....			1				
Butler County.....	1			Virginia:			
Lorain County.....		1	1	Augusta County.....			1
Vinton County.....	1			Campbell County.....			1
Wood County.....			1	Clarke County.....			1
Total.....	2	2	4	Dinwiddie County.....	1		1
				Floyd County.....	1		
Pennsylvania:				Henrico County.....		1	
Allegheny County.....	1			Isle of Wight County.....		1	
Butler County.....		1		Mecklenburg County.....			3
Cambria County.....	1			Nansemond County.....			1
Fayette County.....			1	Norfolk County.....		1	
Philadelphia County.....	1	1		Roanoke County.....	1		
Somerset County.....		1		Scott County.....	1		
Union County.....		1		Washington County.....	1		
Venango County.....	1			Wythe County.....		1	1
Total.....	4	4	1	Total.....	4	4	9
Rhode Island:				Washington:			
Kent County.....			1	Chelan County.....	1		
Providence County.....			4	King County.....		1	
Total.....			5	Snohomish County.....			1
				Total.....	1	1	1
South Carolina:							
Laurens County.....			1	West Virginia:			
Richland County.....		1	1	Monongalia County.....		2	
Total.....		1	2				
				Wisconsin:			
South Dakota:				Calumet County.....	1		
Grant County.....		1	1	Grant County.....		1	
				Total.....	1	1	

ROCKY MOUNTAIN SPOTTED OR TICK FEVER.

California:				Oregon:			
Lassen County.....	1			Baker County.....		1	
Modoc County.....			1	Crook County.....	1		
Total.....	1		1	Grant County.....		4	
				Jefferson County.....	3		
Colorado:				Malheur County.....			1
Boulder County.....		1		Total.....	4	5	1
Idaho:				South Dakota:			
Ada County.....	1	1		Butte County.....		1	
Bingham County.....		2					
Caribou County.....		1		Washington:			
Total.....	1	4	16	Grant County.....		1	
				Lincoln County.....		2	
Montana:				Spokane County.....		1	
Big Horn County.....		1		Total.....		4	
Blaine County.....			1				
Carbon County.....		1	1	Wyoming:			
Custer County.....		1		Big Horn County.....	1	6	1
Dawson County.....	1			Carbon County.....		1	
Fallon County.....			2	Fremont County.....	1	3	5
Fergus County.....	1	2	2	Hot Springs County.....	1	1	2
Garfield County.....		3	2	Johnson County.....			3
Golden Valley County.....	1	1		Lincoln County.....		1	4
Jefferson County.....		1		Natrona County.....	1	2	6
Missoula County.....		3		Niobrara County.....		1	
Musselshell County.....	1	3	2	Park County.....		9	
Rosebud County.....		2	1	Sheridan County.....		2	5
Treasure County.....		1		Sweetwater County.....			5
Yellowstone County.....	1	3	4	Uinta County.....		1	2
Total.....	5	22	15	Weston County.....		1	1
				Total.....	4	28	34

¹ Deaths.

STATE REPORTS FOR APRIL, MAY, AND JUNE, 1922—Continued.

SMALLPOX.

Place.	New cases reported.			Place.	New cases reported.		
	Apr.	May.	June.		Apr.	May.	June.
Alabama:				Colorado:			
Calhoun County.....	3			Adams County.....	2		
Dallas County.....	9	6	2	Arapahoe County.....	3	1	1
Escambia County.....		3	2	Boulder County.....	4		
Houston County.....	10	5	1	Cheyenne County.....		2	
Jefferson County.....	1	3	7	Delta County.....	1		
Macon County.....	1			Denver County.....	45	29	9
Madison County.....	1	38	10	Elbert County.....	1		
Marengo County.....	1			Kit Carson County.....	4	3	
Mobile County.....	33	32	9	Las Animas County.....	1		
Montgomery County.....	3			Logan County.....		1	
Pike County.....		1		Montrose County.....			4
Randolph County.....	3			Morgan County.....	3		2
Talladega County.....		2		Otero County.....	4	28	
Tuscaloosa County.....		3		Pueblo County.....	1		
Washington County.....			4	Rio Grande County.....	3		
Total.....	65	93	35	Weld County.....	2	1	
				Yuma County.....	2	6	
				Total.....	76	71	16
Arkansas:				Connecticut:			
Clay County.....			2	Fairfield County—			
Conway County.....	10	2		Bridgeport.....	18	18	16
Crawford County.....			1	Stratford.....	5	19	5
Drow County.....			2	Westport.....	22	1	
Franklin County.....	3	1		Scattering.....	11	4	1
Logan County.....		6		Hartford County.....	4		
Miller County.....		2	2	Litchfield County.....	1	1	
Mississippi County.....		1	3	New Haven County.....	9	1	1
Poinsett County.....			1	New London County.....		10	2
Pope County.....		2	5	Total.....	70	54	25
Pulaski County.....			1	District of Columbia.....	7	10	1
Saline County.....		1					
Union County.....	3	4	1	Florida:			
White County.....	5			Alachua County.....	3	5	1
Total.....	21	19	18	Calhoun County.....		1	1
				Citrus County.....	7	1	
California:				Dade County.....	2	2	
Alameda County—				Duval County.....	4	2	0
Hayward.....	20	19	4	Gadsden County.....	1	1	2
Livermore.....	1		53	Hardee County.....			2
Scattering.....	37	15	13	Highlands County.....		6	
Butte County.....		2	1	Hillsborough County.....	2		
Calaveras County.....		10		Jefferson County.....	2		
Contra Costa County.....	1	1		Lake County.....			4
Fresno County.....	1	3	1	Leon County.....		1	
Imperial County.....		1	4	Levy County.....	1		
Inyo County.....	1			Manatee County.....	1		
Kern County.....	15	24	7	Marion County.....	1	3	
Los Angeles County.....	13	10	11	Monroe County.....	9		1
Mariposa County.....			1	Osceola County.....		3	2
Merced County.....	1	3		Pasco County.....			4
Napa County.....	1			Pinellas County.....	2	1	1
Orange County.....		2	8	Polk County.....	3	2	
Riverside County.....	1			Putnam County.....	2		
Sacramento County.....	1	3	4	St. Johns County.....	1	3	2
San Benito County.....	2		8	Sumner County.....			2
San Diego County.....	1	4	2	Suwanee County.....		1	
San Francisco County.....	5	8	2	Total.....	41	32	31
San Joaquin County.....	8	11	5				
San Luis Obispo County.....	1	3		Hawaii:			
Santa Barbara County.....		1		Maui.....			1
Santa Clara County—				Oahu.....	1		
San Jose.....	20	24	22	Total.....	1		1
Scattering.....	20	20	2				
Santa Cruz County.....	4	3		Idaho:			
Siskiyou County.....	1			Ada County.....			1
Sonoma County.....		1		Bannock County.....	15	2	2
Stanislaus County.....	10	7	1	Bonner County.....	5		
Tehama County.....			1	Caribou County.....	2	1	
Tulare County—				Kootenai County.....		10	19
Exeter.....			13	Nez Perce County.....		1	
Scattering.....	9	1	3	Owyhee County.....	1		
Total.....	174	176	171	Total.....	23	14	22

STATE REPORTS FOR APRIL, MAY, AND JUNE, 1922—Continued.

SMALLPOX—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Apr.	May.	June.		Apr.	May.	June.
Illinois:				Indiana—Continued.			
Adams County.....			1	Rush County.....		1	
Bureau County.....	1			St. Joseph County.....		2	1
Carroll County.....		1		Scott County.....			2
Campaign County.....	2	1		Shelby County.....	1	2	
Clinton County.....	1	1		Steuben County.....	1		
Coles County.....			1	Tippecanoe County.....	1		
Cook County.....	12	6	1	Warren County.....		1	
De Kalb County.....			1				
De Witt County.....	1	1		Total.....	138	147	119
Douglas County.....		4					
Du Page County.....		1		Iowa:			
Fayette County.....	1	8		Adams County.....		6	
Franklin County.....	2			Appanoose County.....		6	
Fulton County.....	2	9		Audubon County.....	3	2	
Hancock County.....	3			Blackhawk County.....	2		
Henry County.....		1		Boone County.....	2	2	
Iroquois County.....	2			Bremer County.....	1		
Jackson County.....	16	2	10	Calhoun County.....	1	3	
Jefferson County.....			1	Carroll County.....	2	5	1
Johnson County.....	3	13		Cerro Gordo County.....		4	14
Kane County.....	4	1		Clayton County.....		2	
Lake County.....	2	2	3	Clinton County.....	3	3	
La Salle County.....			1	Des Moines County.....	4	1	5
Lee County.....	7	40	2	Franklin County.....	1	12	5
Logan County.....	1	13	2	Jackson County.....	1		
McLean County.....	1			Keokuk County.....			1
Macoupin County.....		1		Kossuth County.....	3		1
Madison County.....		4	8	Linn County.....	3	1	1
Marion County.....	2	1		Lucas County.....	2		
Mason County.....		7	21	Lyon County.....			1
Mercer County.....		1	4	Mills County.....			
Peoria County.....	71	53	11	Muscatine County.....	10	1	3
Perry County.....		1		Pocahontas County.....		2	1
Platt County.....		1		Polk County.....	11	13	7
Rock Island County.....		4		Pottawattamie County.....	5	8	2
St. Clair County.....			3	Poweshiek County.....	1		1
Saline County.....	3	3	16	Scott County.....	1		
Sangamon County.....			6	Story County.....		1	
Shelby County.....		2		Warren County.....		1	1
Tazewell County.....	43	36	8	Woodbury County.....		1	
Union County.....			9				
Vermilion County.....	1			Total.....	56	76	44
Washington County.....	2	4					
Whiteside County.....		4		Kansas:			
Williamson County.....	6	1	2	Atchison County.....	2		
Woodford County.....			1	Barton County.....	2	6	6
Total.....	189	232	112	Brown County.....		1	
Indiana:				Butler County.....	1	2	
Allen County.....		2	6	Cherokee County.....			1
Blackford County.....	10	9	1	Crawford County.....	1		
Boone County.....	2	18	30	Decatur County.....			3
Clay County.....	2			Dickinson County.....	1		
Davies County.....		7		Douglas County.....		2	
DeKalb County.....		3	1	Ford County.....		1	
Delaware County.....	2	6		Greenwood County.....		2	11
Elkhart County.....	15	23	6	Harvey County.....	1		
Floyd County.....	6	1		Jewell County.....		1	1
Gibson County.....		1		Johnson County.....	1		
Grant County.....	75	42	29	Kiowa County.....	2		
Howard County.....		2	2	Leavenworth County.....	7		
Huntington County.....	1	3		Lincoln County.....		3	
Jackson County.....			4	Lyon County.....		1	
Jasper County.....	1	1		McPherson County.....		1	
Jay County.....	1	8	5	Marshall County.....			1
Lake County.....	1			Montgomery County—			
Lawrence County.....		4		Coffeyville.....	2	11	5
Madison County.....	1	1	4	Ness County.....	1	2	
Marion County.....			22	Osborne County.....			1
Miami County.....	1			Phillips County.....	1		
Monroe County.....	5	1		Pratt County.....	7	1	
Montgomery County.....	1		2	Reno County.....	9	7	9
Pike County.....	11	9		Republic County.....		1	
Ripley County.....			4	Riley County.....		1	
				Russell County.....	1	8	1
				Saline County.....	1		

STATE REPORTS FOR APRIL, MAY, AND JUNE, 1922—Continued.

SMALLPOX—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Apr.	May.	June.		Apr.	May.	June.
Kansas—Continued.				Michigan—Continued.			
Sedgwick County—				Huron County.....	8	1	
Mount Hope.....		1		Ingham County.....	5		
Wichita.....	19	9	1	Ionian County.....	6	7	
Shawnee County.....	3			Jackson County.....	1	3	
Stevens County.....		1		Kent County.....	4	14	
Thomas County.....			1	Keweenaw County.....	2		
Wichita County.....	6			Lake County.....	5	1	
Wilson County.....	2			Lapeer County.....		1	
Wyandotte County.....	5	8	4	Lemawee County.....	2		
Total.....	75	70	45	Livingston County.....		1	
Louisiana:				Luce County.....	5		
Allen Parish.....			1	Macomb County.....	1		
Ascension Parish.....			2	Midland County.....	3		
Bienville Parish.....	3	1	1	Monroe County.....	5	17	
Caddo Parish.....	29	38	14	Muskegon County.....	9		
Caldwell Parish.....	1			Oakland County.....	9	3	
Caliborne Parish.....	7			Osceola County.....	3	5	
De Soto Parish.....	25	1	1	Presque Isle County.....		1	
Franklin Parish.....		1	1	Roscommon County.....		7	
Iberville Parish.....	3			St. Clair County.....	2	4	
Jackson Parish.....		1		Saginaw County.....	2		
Jefferson Davis Parish.....		1		Sanilac County.....	2	6	
La Fourche Parish.....		2		Washtenaw County.....	8	5	
La Salle Parish.....		1		Wayne County.....	6	14	
Lincoln Parish.....	2			Total.....	130	129	(*)
Morehouse Parish.....	4	4		Minnesota:			
Natchitoches Parish.....		1		Aitkin County.....		1	2
Orleans Parish.....			1	Anoka County.....	2		
Ouachita Parish.....	3	1		Becker County.....	6		
Rapides Parish.....	3		3	Beltrami County.....			3
Red River Parish.....	2		4	Benton County.....	1		
Richland Parish.....	1			Bigstone County.....	1	1	
Sabine Parish.....		2	1	Blue Earth County—			
Tensas Parish.....		2	1	Danville Township.....	20		
Webster Parish.....	8	54		Scattering.....	2	2	
West Baton Rouge Parish.....		1		Carlton County—			
Winn Parish.....		1		Thompson Township.....		21	2
Total.....	88	108	30	Scattering.....			2
Maine:				Carver County.....		7	
Kennebec County.....	1			Cass County.....	2		
Somerset County.....	1			Chisago County.....	1		
Total.....	2			Clay County.....	2		
Maryland:				Clearwater County.....	4		
Charles County.....			4	Crow Wing County.....		6	2
Harford County.....	5			Dakota County.....	2	2	
Total.....	5		4	Dodge County.....	2	4	1
Massachusetts:				Douglas County.....	1	1	
Worcester County.....			1	Fillmore County.....			1
Michigan:				Freeborn County—			
Alger County.....	1	6		Albert Lea.....	1	18	5
Allegan County.....	1			Scattering.....	1	3	7
Alpena County.....	6	7		Goodhue County.....	4	2	
Baraga County.....		5		Grant County.....	2	4	
Berrien County.....		1		Hennepin County—			
Branch County.....	16	2		Minneapolis.....	35	13	9
Calhoun County.....		1		Osseo.....	12	1	
Clinton County.....	3			Scattering.....	1	2	
Delta County.....	2			Hubbard County.....			3
Emmet County.....		4		Itasca County.....	5	7	
Genesee County.....	2	6		Jackson County.....			4
Gogebic County.....		2		Kittson County.....		2	
Grand Traverse County.....	4	4		Le Sueur County.....		1	
Gratiot County.....	1	1		Lyon County.....	2		
Hillsdale County.....	6			McLeod County.....	1		
				Martin County.....		8	7
				Morrison County.....	1	13	
				Murray County.....	4		
				Nobles County.....			1
				Norman County.....	3		

* 40 of these cases occurred prior to May.

* Report for June not received at time of going to press.

STATE REPORTS FOR APRIL, MAY, AND JUNE, 1922—Continued.

SMALLPOX—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Apr.	May.	June.		Apr.	May.	June.
Minnesota—Continued.				Montana—Continued.			
Ottertail County.....				Sanders County.....	3		2
Elmo Township.....		3	11	Sheridan County.....			6
Oscar Township.....	1			Wheatland County.....	5	4	2
Pennington County.....		5	1	Yellowstone County.....	3	6	1
Pipestone County.....			2	Total.....	53	47	25
Polk County.....	3	8	1	Nebraska:			
Pope County.....	1		1	Adams County.....	1		
Ramsey County—				Box Butte County.....	1		
St. Paul.....	56	38	9	Brown County.....	1		
Scattering.....	1		1	Buffalo County.....	1		
Red Lake County.....		2		Burt County.....	1		
Rice County.....	9	10	1	Butler County.....			2
St. Louis County.....	5	17	10	Clay County.....	1		
Sherburne County.....	1	2		Cuming County.....	1		
Sibley County.....		1		Custer County.....	1		
Stearns County.....		2	1	Dodge County.....		1	5
Steele County.....	5	1		Douglas County.....	3	3	3
Todd County.....		1		Gage County.....	1		1
Wadena County—				Hall County.....	1	1	
Sebek.....	12			Hamilton County.....	1		
Menahga.....		2		Kearney County.....			2
Waseca County.....	1			Lancaster County.....	10	6	2
Washington County.....	1			Merrick County.....	2	1	
Winona County.....	1			Nemaha County.....	2		
Wright County—				Pawnee County.....		3	
South Haven.....	2	18		Phelps County.....			1
Scattering.....	16	8	2	Saline County.....		1	
Yellow Medicine County.....	1	1		Sarpy County.....			2
Total.....	232	238	89	Scotts Bluff County.....	13	21	
Mississippi:				Seward County.....	1	1	
Alcorn County.....	2	1		Sioux County.....		7	
Bolivar County.....	8			Thayer County.....	1	1	
Carroll County.....		1		Total.....	41	46	18
Chickasaw County.....		1		New Jersey:			
Calhoun County.....		8		Hudson County.....		1	
Copiah County.....	2	1		Mercer County.....		1	
Forrest County.....	1			Total.....		2	
Franklin County.....	7			New Mexico:			
Hinds County.....	1	1		Chaves County.....	1	2	
Holmes County.....		3	4	Curry County.....	10	5	
Jackson County.....			1	Roosevelt County.....	1		
Jefferson County.....		1		San Juan County.....			
Lauderdale County.....	3	2	3	Santa Fe County.....	4	2	
Leake County.....	4	3		Socorro County.....	1		
Lee County.....	4	1	1	Total.....	17	11	
Lefflore County.....		1	4	New York:			
Monroe County.....	2			Chautauqua County.....		1	
Pontotoc County.....		1		Franklin County.....		1	
Sharkey County.....		4	3	Niagara County.....			
Tallahatchie County.....	1	1		Niagara Falls.....	1	18	54
Union County.....	1			Oneida County.....	5		1
Warren County.....	9	2	1	St. Lawrence County.....			
Washington County.....	1	1		New York City.....	1		2
Wayne County.....	66			Total.....	7	20	57
Total.....	111	32	17	North Carolina:			
Montana:				Alexander County.....	2	3	
Carbon County.....		1		Alleghany County.....		1	
Cascade County—				Buncombe County.....			2
Great Falls.....	11	10		Cabarrus County.....	16	15	6
Scattering.....	3	8	2	Caldwell County.....	6		
Chouteau County.....	2			Caswell County.....	1		
Daniels County.....	6	3	2	Chatham County.....	1		
Flathead County.....		2		Columbus County.....	2		
Gallatin County.....	1			Cumberland County.....			1
Golden Valley County.....		1	2	Davidson County.....		2	3
Judith Basin County.....	6	2	1				
Lewis and Clark County.....	6						
Missoula County.....	2	1					
Park County.....	1	1					
Phillips County.....	1	1	7				
Roosevelt County.....	3	7					

STATE REPORTS FOR APRIL, MAY, AND JUNE, 1922—Continued.

SMALLPOX—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Apr.	May.	June.		Apr.	May.	June.
North Carolina—Continued.				Ohio—Continued.			
Davie County.....	3			Darke County.....	3	2	
Durham County.....	25	13	19	Erie County.....	18	35	2
Edgecombe County.....	3	2	1	Franklin County.....	1	13	4
Forsyth County.....	6	6		Greene County.....		2	1
Franklin County.....	15	24	21	Guernsey County.....		4	1
Gaston County.....	3	1		Hamilton County.....	10	4	1
Greene County.....	4	2	4	Hocking County.....	1		
Guilford County.....	2	2	2	Huron County.....	3	1	
Halifax County.....		1		Jackson County.....			2
Iredell County.....	1	2		Jefferson County.....	7		
Johnston County.....		3	6	Lawrence County.....	5	4	7
Madison County.....	4			Lorain County.....			1
Martin County.....		1		Lucas County.....	17	17	6
Mecklenburg County.....	5	1	3	Madison County.....	3		2
Nash County.....	6	7	5	Mahoning County.....	7	2	1
New Hanover County.....	1			Marion County.....	1		
Northampton County.....		1		Medina County.....		1	
Orange County.....	4	1	2	Miami County.....	12		
Person County.....		1		Montgomery County.....	21	6	2
Pitt County.....	1	2	3	Muskingum County.....	1		
Robeson County.....	1			Ottawa County.....	17	12	5
Rockingham County.....	4	3	5	Paulding County.....	6	12	2
Rowan County.....		2	4	Pike County.....		1	
Sampson County.....	1			Portage County.....		1	4
Scotland County.....	3			Preble County.....	10		
Stanly County.....	5			Putnam County.....	8		
Union County.....		15	12	Richland County.....	1		
Wake County.....			3	Ross County.....	4	6	1
Wayne County.....	2	2		Sandusky County.....	18	2	2
Wilkes County.....			1	Scioto County.....	4		
Wilson County.....	5	21	3	Seneca County.....	3	2	1
Yadkin County.....	1	2		Stark County.....	29	29	11
Yancey County.....		3		Summit County.....	2		
Total.....	133	139	106	Trumbull County.....		2	
North Dakota:				Tuscarawas County.....	34	40	19
Barnes County.....	3			Union County.....			5
Benson County.....		16	3	Van Wert County.....	1	3	8
Burleigh County.....	3	3	1	Vinton County.....		3	42
Cass County.....	5			Wayne County.....	2		
Dickey County.....	7	7	3	Wood County.....	1	1	
Dunn County.....	4			Total.....	300	241	160
Foster County.....	1			Oklahoma:			
Grand Forks County.....	3	10	9	Atoka County.....	1		
LaMoore County.....	7		1	Comanche County.....	3		
Logan County.....	2			Garfield County.....	8	12	
McHenry County.....		3	1	Garvin County.....		14	
McIntosh County.....				Grady County.....	21	14	2
McKenzie County.....		11		Haskell County.....		3	
Mountrail County.....	1			Jefferson County.....	6		
Nelson County.....		1	1	Le Flore County.....	85		
Perkins County.....	2	12		Mayes County.....	1		
Pierce County.....	1	1		Ottawa County.....		2	
Ramsey County.....		6		Pittsburg County.....	11	7	
Richland County.....	3	2		Pontotoc County.....	12		11
Sargent County.....		1		Pushmataha County.....	1		
Trall County.....	4	8	1	Seminole County.....	1		
Walsh County.....	26		5	Stephens County.....	16		
Williams County.....		3		Tillman County.....	9		
Total.....	72	84	25	Total.....	175	52	13
Ohio:				Oregon:			
Allen County.....	3			Clackamas County.....	7	4	2
Ashland County.....		2		Clatsop County.....		2	
Athens County.....		1		Columbia County.....			2
Belmont County.....		1	2	Cosco County.....			3
Butler County.....	1	1	2	Deschutes County.....			1
Champaign County.....			1	Douglas County.....	3		
Clark County.....	29	14	14	Hood County.....		2	
Clinton County.....	5			Jackson County.....	3		1
Columbiana County.....	2	11	6	Marion County.....	3		6
Crawford County.....	8	4	1	Multnomah County.....	60	23	35
Cuyahoga County.....	2		4	Folk County.....			1

STATE REPORTS FOR APRIL, MAY, AND JUNE, 1922—Continued.

SMALLPOX—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Apr.	May.	June.		Apr.	May.	June.
Oregon—Continued.				Virginia—Continued.			
Tillamook County.....	5		1	Westmoreland County.....		1	
Wallowa County.....			1	Wise County.....	7	3	
Washington County.....	1	2	4	Wythe County.....	1	1	
Yamhill County.....			2				
Total.....	82	33	59	Total.....	43	29	21
Pennsylvania:				Washington:			
Allegheny County.....	1			Benton County.....			1
Beaver County.....	5			Chelan County.....	3	5	8
Cambria County.....	1			Clarke County.....	1	3	3
Lawrence County.....	1			Cowlitz County.....	1		
Lebanon County.....	1	1		Douglas County.....			1
Westmoreland County.....		1		Grays Harbor County.....	5	2	
Total.....	9	2		Jefferson County.....			
Rhode Island:				King County.....	21	12	4
Providence County.....			1	Kitsap County.....	7		6
South Carolina:				Kittitas County.....	9	2	
Anderson County.....			1	Lewis County.....	1		1
Cherokee County.....			9	Oranogan County.....	2	14	6
Fairfield County.....			1	Pacific County.....	1	1	
Florence County.....		1		Pierce County—			
Oconee County.....			3	Tacoma.....	12	9	2
Pickens County.....	39	16		Scattering.....	19	16	5
Richland County.....	2	1		Skagit County.....			3
Spartanburg County.....		1		Snohomish County.....	20	4	7
Sumter County.....		2		Spoilane County—			
Total.....	41	21	14	Spoilane.....	31	11	7
South Dakota:				Scattering.....	10	11	4
Aurora County.....		5	1	Stevens County.....		1	1
Beadle County.....	1	1		Walla Walla County.....		4	3
Brown County.....	10	5		Whatcom County.....	14	6	4
Charles Mix County.....	1		3	Yakima County.....	11	5	3
Clark County.....	7	1		Total.....	172	100	66
Clay County.....	1	1		West Virginia:			
Codington County.....	1			Barbour County.....	5		
Davison County.....		1	1	Braxton County.....		3	1
Dewey County.....	24			Clay County.....			8
Edmunds County.....		14	8	Gilmer County.....	5	1	
Faulk County.....	2	3	1	Hancock County.....		1	1
Haakon County.....	1			Harrison County.....	1		
Hanson County.....		1		Kanawha County.....	3	10	5
Hughes County.....		4	1	Lewis County.....	1		1
Hutchinson County.....			3	Logan County.....	12	8	2
Hyde County.....		7	1	McDowell County.....	9	2	5
Jerauld County.....			1	Marion County.....		1	11
Lake County.....	2		1	Marshall County.....	16		5
Lawrence County.....			1	Mercer County.....	23	1	2
Minnehaha County.....	5	10	9	Mineral County.....			1
Spink County.....		2		Mingo County.....	2	1	1
Stanley County.....	7			Nicholas County.....		1	
Turner County.....			8	Pendleton County.....	4		
Total.....	62	55	39	Preston County.....	1		
Vermont:				Raleigh County.....			12
Bennington County.....		1	1	Wood County.....	9	7	1
Virginia:				Wyoming County.....	1		
Buchanan County.....		8	1	Total.....	92	36	56
Campbell County.....	1		1	Wisconsin:			
Dickenson County.....			7	Ashland County.....	3	4	2
Fairfax County.....			1	Barron County.....		23	
Giles County.....		2	1	Bayfield County.....	2		
Henrico County.....		1		Chippewa County.....	2		
King George County.....				Clark County.....			2
Loudoun County.....	1			Dane County.....			1
Montgomery County.....		1	4	Douglas County.....	26	62	54
Pittsylvania County.....	4	1	1	Eau Claire County.....	1	2	2
Roanoke County.....	3	1		Jefferson County.....	1	2	
Russell County.....	21	10	5	Kewaunee County.....	4		
				Lafayette County.....		16	
				Manitowoc County.....	6	3	
				Marathon County.....	22	16	15

STATE REPORTS FOR APRIL, MAY, AND JUNE, 1922—Continued.

SMALLPOX—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Apr.	May.	June.		Apr.	May.	June.
Wisconsin—Continued.				Wyoming:			
Marinette County.....	2			Albany County.....	2		
Milwaukee County.....	11	28	20	Big Horn County.....			1
Pierce County.....	2	6	2	Crook County.....			1
Polk County.....			4	Goshen County.....	9		
Racine County.....	4	5	3	Laramie County.....	1	1	
Rock County.....	4		4	Natrona County.....	3	2	
Rusk County.....		4		Niobrara County.....	2	3	
St. Croix County.....	8			Platte County.....			5
Sauk County.....			4	Sheridan County.....	1	2	
Trempealeau County.....	3			Sweetwater County.....		3	1
Walworth County.....	1			Washakie County.....	11	8	3
Washburn County.....		8	2	Weston County.....			1
Waukesha County.....	9	2	10				
Winnebago County.....		2	2	Total.....	29	19	12
Wood County.....	1	5	2				
Total.....	112	188	129				

SMALLPOX—VACCINATION HISTORIES.

State.	New cases reported.	Deaths.	Vaccination history of cases.			
			Vaccinated within seven years preceding attack.	Last vaccinated more than seven years preceding attack.	Never successfully vaccinated.	History not obtained or uncertain.
California.....	521		12	35	471	3
District of Columbia.....	18				17	1
Florida.....	104		6	1	56	41
Illinois ¹	421		12	18	129	265
Kansas.....	190		5	10	108	67
Minnesota.....	559		7	16	321	215
Montana.....	125		1	3	119	2
New Mexico.....	28			1	23	4
New York.....	84		2	5	74	3

¹ April and May only.

TYPHOID FEVER.

Place.	New cases reported.			Place.	New cases reported.		
	Apr.	May.	June.		Apr.	May.	June.
Alabama:				Alabama—Continued.			
Autauga County.....	1			Dale County.....			1
Baldwin County.....	4	3	10	Dallas County.....			6
Barbour County.....		2	6	Dekalb County.....			2
Bibb County.....		2	1	Elmore County.....		1	
Blount County.....			4	Escambia County.....			5
Bullock County.....			2	Etowah County.....			4
Butler County.....			2	Franklin County.....			2
Calhoun County.....		1	12	Hale County.....		1	
Chilton County.....			1	Henry County.....			1
Clarke County.....		1	1	Houston County.....		3	20
Clay County.....			1	Jackson County.....			2
Cleburne County.....			1	Jefferson County.....	20	20	23
Covington County.....		1		Lamar County.....		2	

STATE REPORTS FOR APRIL, MAY, AND JUNE, 1922—Continued.

TYPHOID FEVER—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Apr.	May.	June.		Apr.	May.	June.
Alabama—Continued.				California—Continued.			
Lauderdale County.....	1	2	5	Plumas County.....	2	.....	.....
Lawrence County.....	.....	.....	3	Riverside County.....	2	10	16
Limestone County.....	.....	.....	2	Sacramento County.....	4	7	5
Lewndes County.....	.....	4	2	San Benito County.....	.....	1	.....
Macon County.....	.....	.....	2	San Bernardino County.....	1	4	6
Madison County.....	1	.....	8	San Diego County.....	.....	.....	1
Marengo County.....	2	4	1	San Francisco County.....	6	2	2
Marion County.....	.....	.....	1	San Joaquin County.....	10	15	19
Marshall County.....	.....	.....	1	San Luis Obispo County.....	.....	.....	1
Mobile County.....	1	1	3	Santa Clara County.....	.....	1	1
Montgomery County.....	.....	4	9	Shasta County.....	.....	1	.....
Morgan County.....	.....	.....	1	Solano County.....	.....	.....	1
Perry County.....	.....	.....	2	Sonoma County.....	.....	1	5
Pike County.....	4	2	8	Stanislaus County.....	.....	.....	1
Shelby County.....	.....	.....	3	Tulare County.....	1	1	2
Sumter County.....	.....	1	1	Yolo County.....	2	.....	.....
Talladega County.....	.....	1	6				
Tuscaloosa County.....	1	3	.....	Total.....	41	68	99
Walker County.....	1	6	4				
Total.....	36	74	169	Colorado:			
Arkansas:				Adams County.....	.....	.....	1
Benton County.....	.....	.....	3	Arapahoe County.....	.....	.....	1
Boone County.....	1	.....	.....	Archuleta County.....	.....	.....	1
Bradley County.....	1	.....	.....	Boulder County.....	.....	1	.....
Chicot County.....	.....	.....	1	Denver County.....	2	1	4
Clay County.....	.....	.....	1	Dolores County.....	.....	1	.....
Conway County.....	1	.....	.....	El Paso County.....	.....	.....	1
Crawford County.....	2	.....	1	Fremont County.....	.....	.....	1
Cross County.....	2	.....	.....	Garfield County.....	.....	1	.....
Drew County.....	.....	.....	4	Jefferson County.....	1	1	.....
Faulkner County.....	.....	.....	7	La Plata County.....	.....	.....	1
Franklin County.....	.....	.....	2	Las Animas County.....	.....	.....	2
Greene County.....	.....	1	4	Mesa County.....	1	.....	.....
Hempstead County.....	.....	.....	2	Montrose County.....	.....	4	1
Johnson County.....	.....	2	.....	Pueblo County.....	.....	.....	1
Lafayette County.....	.....	3	3	Rio Grande County.....	.....	.....	5
Logan County.....	.....	.....	2	Weld County.....	3	.....	1
Loneke County.....	2	.....	1	Yuma County.....	.....	.....	.....
Marion County.....	.....	1	.....	Total.....	7	9	20
Miller County.....	.....	.....	9				
Mississippi County.....	.....	2	3	Connecticut:			
Monroe County.....	.....	.....	6	Fairfield County.....	3	2	3
Newton County.....	2	2	.....	Hartford County.....	1	2	5
Prairie County.....	.....	1	.....	Litchfield County.....	.....	2	.....
Pulaski County.....	2	1	16	Middlesex County.....	.....	.....	1
St. Francis County.....	1	.....	1	New Haven County—	.....	.....	.....
Saline County.....	.....	1	3	New Haven.....	6	.....	18
Sebastian County.....	1	4	9	Scattering.....	1	3	7
Sharp County.....	2	3	2	New London County.....	.....	1	6
Union County.....	.....	1	5	Windham County.....	1	1	1
Washington County.....	.....	1	4	Total.....	12	11	41
White County.....	.....	.....	4				
Total.....	17	23	93	Delaware:			
California:				Kent County.....	.....	.....	1
Alameda County.....	.....	4	2	New Castle County.....	.....	10	6
Butte County.....	.....	1	1	Sussex County.....	.....	2	3
Contra Costa County.....	.....	2	.....	Total.....	3	12	10
Fresno County.....	.....	2	3	District of Columbia.....	.....	39	28
Glenn County.....	1	.....	.....		
Imperial County.....	.....	2	5	Florida:			
Kern County.....	2	1	2	Alachua County.....	1	.....	2
Kings County.....	.....	1	.....	Baker County.....	.....	.....	1
Lassen County.....	.....	.....	1	Bradford County.....	.....	3	.....
Los Angeles County—	.....	.....	.....	Citrus County.....	.....	1	.....
Los Angeles.....	5	8	11	Clay County.....	.....	.....	1
Scattering.....	.....	1	8	Dade County.....	1	2	1
Madera County.....	1	.....	.....	De Soto County.....	.....	.....	2
Marin County.....	.....	.....	1	Duval County.....	5	7	4
Monterey County.....	1	.....	.....	Escambia County.....	3	7	8
Orange County.....	3	3	5	Gadsden County.....	2	2	1
				Hardee County.....	1	1	3

STATE REPORTS FOR APRIL, MAY, AND JUNE, 1922—Continued.

TYPHOID FEVER—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Apr.	May.	June.		Apr.	May.	June.
Florida—Continued.				Illinois—Continued.			
Hillsborough County.....	9	14	13	Hancock County.....	1	.....	2
Jackson County.....	1	.....	.....	Henry County.....	10	27	5
Lafayette County.....	.....	1	.....	Iroquois County.....	1	3	.....
Lee County.....	.....	1	2	Jackson County.....	1	2	2
Leon County.....	.....	.....	2	Jefferson County.....	.....	.....	4
Levy County.....	.....	.....	1	Johnson County.....	.....	.....	2
Liberty County.....	.....	.....	1	Kane County.....	6	1	.....
Madison County.....	2	.....	.....	Kankakee County.....	1	.....	.....
Manatee County.....	.....	2	7	Knox County.....	.....	.....	2
Marion County.....	.....	2	4	Lake County.....	.....	.....	2
Monroe County.....	.....	.....	1	Lawrence County.....	.....	1	.....
Nassau County.....	.....	2	.....	Lee County.....	.....	.....	2
Okaloosa County.....	.....	.....	1	Livingston County.....	.....	.....	1
Okcechobee County.....	.....	.....	.....	Logan County.....	.....	1	1
Orange County.....	.....	3	.....	McDonough County.....	.....	.....	1
Osceola County.....	.....	.....	1	McHenry County.....	.....	1	1
Palm Beach County.....	.....	.....	2	Macon County.....	1	1	1
Pasco County.....	.....	2	2	Macoupin County.....	.....	1	1
Pinellas County.....	.....	.....	2	Madison County.....	1	.....	1
Polk County.....	1	4	.....	Marshall County.....	.....	2	.....
Putnam County.....	1	1	.....	Massac County.....	.....	.....	1
St. Lucie County.....	2	.....	.....	Monroe County.....	1	.....	1
Seminole County.....	1	2	5	Montgomery County.....	6	1	.....
Sumter County.....	.....	.....	.....	Morgan County.....	.....	2	4
Suwanee County.....	1	1	3	Peoria County.....	.....	1	.....
Union County.....	.....	2	.....	Pulaski County.....	.....	1	.....
Volusia County.....	1	2	5	Randolph County.....	1	3	2
Walton County.....	2	.....	3	Rock Island County.....	2	2	2
Washington County.....	.....	.....	1	St. Clair County.....	.....	1	3
Total.....	35	63	81	Saline County.....	1	2	.....
Hawaii:				Sangamon County.....	1	3	3
Hawaii.....	1	3	1	Stark County.....	.....	.....	1
Kauai.....	1	5	.....	Tazewell County.....	1	.....	1
Oahu.....	10	12	10	Union County.....	2	.....	4
Total.....	12	20	11	Wabash County.....	3	1	.....
Idaho:				White County.....	.....	2	1
Bear Lake County.....	.....	4	1	Whiteside County.....	.....	2	1
Bingham County.....	.....	1	.....	Will County.....	.....	8	6
Bonner County.....	1	.....	.....	Williamson County.....	3	.....	2
Bonneville County.....	.....	.....	1	Winnebago County.....	.....	6	.....
Latah County.....	1	1	.....	State institutions.....	2	4	.....
Total.....	2	6	2	Place not stated.....	.....	1	.....
Illinois:				Total.....	67	132	111
Adams County.....	1	.....	1	Indiana:			
Alexander County.....	.....	1	.....	Cass County.....	1	.....	2
Bond County.....	.....	1	5	Clay County.....	.....	.....	1
Bureau County.....	1	4	2	Delaware County.....	.....	.....	4
Carroll County.....	1	3	.....	Elkhart County.....	.....	.....	1
Christian County.....	1	.....	1	Fountain County.....	.....	.....	.....
Clark County.....	.....	12	5	Howard County.....	.....	1	.....
Clay County.....	.....	2	1	Huntington County.....	1	.....	.....
Clinton County.....	.....	2	6	Jefferson County.....	1	.....	.....
Coles County.....	3	2	.....	Knox County.....	.....	.....	1
Cook County.....	8	11	11	Kosciusko County.....	.....	5	4
Crawford County.....	.....	.....	1	Lake County.....	14	.....	1
Cumberland County.....	3	.....	1	Laporte County.....	1	.....	.....
De Kalb County.....	.....	.....	6	Martin County.....	1	2	.....
De Witt County.....	1	.....	.....	Monroe County.....	.....	.....	1
Douglas County.....	.....	5	.....	Owen County.....	.....	1	.....
Du Page County.....	.....	.....	1	Putnam County.....	1	.....	.....
Edgar County.....	1	.....	1	Rush County.....	1	.....	.....
Edwards County.....	.....	1	.....	St. Joseph County.....	.....	1	3
Effingham County.....	.....	.....	1	Spencer County.....	.....	.....	2
Fayette County.....	2	.....	1	Tippecanoe County.....	.....	.....	1
Franklin County.....	.....	6	2	Union County.....	.....	.....	1
Fulton County.....	.....	1	.....	Vanderburg County.....	1	.....	.....
Gallatin County.....	.....	.....	1	Wabash County.....	.....	.....	1
Hamilton County.....	.....	1	3	Wayne County.....	1	.....	.....
				Total.....	23	10	23

STATE REPORTS FOR APRIL, MAY, AND JUNE, 1922—Continued.

TYPHOID FEVER—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Apr.	May.	June.		Apr.	May.	June.
Kansas:				Louisiana—Continued.			
Atchison County.....	3	1	4	St. Helena Parish.....			1
Barber County.....		1		St. James Parish.....	1	1	5
Bourbon County.....			5	St. Landry Parish.....			2
Brown County.....		2	2	St. Martin Parish.....			
Butler County.....	3	5	1	St. Mary Parish.....	1		4
Chase County.....	1			St. Tammany Parish.....	2	3	
Cherokee County.....			3	Tangipahoa Parish.....		3	1
Cloud County.....		1	1	Terrebonne Parish.....			
Cowley County.....	1	2	1	Vermilion Parish.....		7	3
Crawford County.....	1		3	Vernon Parish.....		1	1
Douglas County.....		1		Washington Parish.....	1	8	8
Ford County.....		1	1	Webster Parish.....	1		
Franklin County.....	4	1	3	West Baton Rouge Parish.....			1
Greenwood County.....			3	Total.....	50	65	102
Harper County.....	1						
Johnson County.....	1			Maine:			
Kingman County.....			1	Androscoggin County.....		1	1
Lafayette County.....	1	1	1	Aroostook County.....	2	1	1
Leavenworth County.....			4	Cumberland County.....	8	2	1
Linn County.....		3	1	Kennebec County.....	2		
Lyon County.....		1		Knox County.....	2		
Marion County.....		2	1	Penobscot County.....	2	3	
Montgomery County.....			3	Piscataquis County.....	1		1
Nesheo County.....		3		Somerset County.....	2	2	
Ness County.....		1		York County.....	1		
Norton County.....		1		Total.....	20	9	4
Pratt County.....			1				
Reno County.....			4	Maryland:			
Riley County.....		1		Allegany County.....		1	1
Sedgewick County.....	1		2	Anne Arundel County.....		1	3
Shawnee County.....	1	1	3	Baltimore City.....	8	13	15
Smith County.....		1		Baltimore County.....		1	3
Stafford County.....			2	Caroline County.....		1	1
Sumner County.....		1		Carroll County.....		2	
Washington County.....	1			Cecil County.....			2
Wilson County.....		1	1	Charles County.....	1		
Wyandotte County.....	1			Dorchester County.....			2
Total.....	22	32	51	Frederick County.....	2	2	3
Louisiana:				Harford County.....	4		1
Acadia Parish.....	1			Howard County.....		1	
Ascension Parish.....		1		Kent County.....	1		
Assumption Parish.....		1		Montgomery County.....		1	2
Avoyelles Parish.....	1	1	1	Prince Georges County.....	1		1
Beauregard Parish.....	1	1		Queen Annes County.....			3
Cadido Parish.....	3	5	1	Somerset County.....	1	2	1
Calcasieu Parish.....	1	2		St. Marys County.....	1	1	2
Caldwell Parish.....		1	3	Washington County.....	1	3	1
Catahoula Parish.....	6	1		Wicomico County.....			2
De Soto Parish.....			1	Worcester County.....			1
De Soto Parish.....	1	2	5	State institutions.....	1	2	5
East Baton Rouge Parish.....			1	Total.....	21	31	49
East Carroll Parish.....			1				
East Feliciana Parish.....	4	1	5	Massachusetts:			
Franklin Parish.....			6	Berkshire County.....	2		2
Iberia Parish.....			3	Bristol County.....	3	7	4
Iberville Parish.....	1	1	1	Essex County.....	3	10	3
Jackson Parish.....	2			Franklin County.....	1		
Jefferson Parish.....	2		1	Hampden County.....	2	1	3
Jefferson Davis Parish.....	1		4	Hampshire County.....			1
Lafayette Parish.....	2	2	5	Middlesex County.....	5	6	12
Lafourche Parish.....		2	3	Norfolk County.....	3	1	5
La Salle Parish.....	2		1	Plymouth County.....		2	2
Lincoln Parish.....	1	1	2	Suffolk County.....	5	8	5
Livingston Parish.....			1	Worcester County.....	5	1	4
Natchitoches Parish.....	1	4	1	Total.....	29	36	41
Orleans Parish.....	9	9	22				
Ouachita Parish.....			4	Michigan:			
Plaquemines Parish.....		1	1	Alpena County.....	1		
Poite Couppee Parish.....			3	Bay County.....	12	5	
Rapides Parish.....		3	3	Berrien County.....		1	
Red River Parish.....	2	1					
Richland Parish.....	1	1	1				
Sabine Parish.....			1				

STATE REPORTS FOR APRIL, MAY, AND JUNE, 1922—Continued.

TYPHOID FEVER—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Apr.	May.	June.		Apr.	May.	June.
Michigan—Continued.				Mississippi—Continued.			
Branch County.....	1	—	—	Carroll County.....	—	1	—
Delta County.....	—	2	—	Chickasaw County.....	—	—	5
Eaton County.....	—	1	—	Choctaw County.....	—	—	2
Emmet County.....	—	2	—	Claiborne County.....	—	—	1
Genesee County.....	—	2	—	Clarke County.....	1	3	3
Gratiot County.....	2	2	—	Clay County.....	1	1	2
Hillsdale County.....	1	—	—	Coahoma County.....	—	1	—
Houghton County.....	1	—	—	Copiah County.....	6	10	13
Huron County.....	—	7	—	Covington County.....	1	4	5
Ingham County.....	1	—	—	De Soto County.....	—	—	1
Ionia County.....	1	—	—	Forrest County.....	—	—	1
Jackson County.....	—	1	—	Franklin County.....	—	3	7
Kalamazoo County.....	1	—	—	George County.....	—	—	3
Kent County.....	1	6	—	Greene County.....	—	—	2
Lapeer County.....	—	1	—	Hancock County.....	—	—	—
Leelanau County.....	1	—	—	Harrison County.....	1	3	2
Lenawee County.....	—	1	—	Hinds County.....	2	2	4
Macomb County.....	—	1	—	Holmes County.....	12	5	4
Manistee County.....	—	1	—	Humphreys County.....	6	—	—
Midland County.....	1	—	—	Itawamba County.....	—	1	3
Muskegon County.....	1	1	—	Jackson County.....	—	1	—
Oakland County.....	—	1	—	Jasper County.....	1	—	7
Ogemaw County.....	—	1	—	Jefferson County.....	—	—	1
Ontonagon County.....	14	18	—	Jefferson Davis County.....	—	9	3
Ottawa County.....	1	1	—	Jones County.....	—	3	20
Saginaw County.....	2	5	—	Kemper County.....	—	3	3
Saint Claire County.....	3	2	—	Lafayette County.....	5	2	8
Shiawassee County.....	1	3	—	Lamar County.....	1	2	4
Tuscola County.....	—	1	—	Lauderdale County.....	—	4	8
Van Buren County.....	2	—	—	Lawrence County.....	1	1	1
Washtenaw County.....	1	—	—	Leake County.....	1	2	—
Wayne County.....	18	18	—	Lee County.....	—	—	12
Total.....	67	84	(1)	Leflore County.....	10	5	4
Minnesota:				Lincoln County.....	—	3	6
Aitkin County.....	1	—	—	Lowndes County.....	2	2	4
Beltrami County.....	8	3	1	Madison County.....	1	—	6
Bigstone County.....	—	2	—	Marion County.....	3	—	1
Blue Earth County.....	—	—	1	Marshall County.....	1	1	3
Carver County.....	1	—	—	Monroe County.....	1	1	2
Cottonwood County.....	—	1	—	Montgomery County.....	—	3	6
Crow Wing County.....	—	—	—	Neshoba County.....	—	—	1
Hennepin County.....	2	7	5	Newton County.....	—	3	1
Houston County.....	—	1	1	Oktibbeha County.....	3	1	5
Hubbard County.....	—	—	1	Panola County.....	3	1	4
Isanti County.....	—	1	—	Pearl River County.....	4	1	1
Koochiching County.....	—	1	—	Pike County.....	—	4	3
Lyon County.....	—	—	2	Pontotoc County.....	—	1	—
Morrison County.....	—	—	1	Prentiss County.....	—	—	2
Moyer County.....	1	—	—	Quitman County.....	—	2	5
Olmsted County.....	1	5	3	Rankin County.....	2	3	4
Ottertail County.....	—	—	1	Scott County.....	1	2	8
Pennington County.....	1	—	—	Sharkey County.....	1	2	1
Pipestone County.....	—	—	1	Simpson County.....	1	4	3
Ramsey County.....	—	1	2	Smith County.....	—	—	11
Redwood County.....	—	—	1	Stone County.....	1	—	—
Rock County.....	—	—	2	Sunflower County.....	2	3	2
Roseau County.....	1	1	—	Tallahatchie County.....	5	4	1
Saint Louis County.....	2	2	1	Tate County.....	5	3	4
Traverse County.....	—	1	—	Tippah County.....	—	—	1
Washington County.....	—	—	1	Tishomingo County.....	1	1	11
Winona County.....	—	—	1	Tunica County.....	1	2	4
Total.....	18	26	26	Union County.....	—	—	3
Mississippi:				Walthall County.....	6	1	6
Adams County.....	1	—	7	Warren County.....	5	1	5
Alcorn County.....	—	—	1	Washington County.....	1	7	8
Amite County.....	—	—	2	Wayne County.....	1	2	1
Attala County.....	—	—	1	Webster County.....	—	2	2
Benton County.....	—	—	8	Wilkinson County.....	1	1	4
Bolivar County.....	15	15	38	Winston County.....	—	—	7
Calhoun County.....	2	1	6	Yalobusha County.....	—	—	7
				Yazoo County.....	—	1	2
Total.....	120	147	337				

¹ Report for June not received at time of going to press.

STATE REPORTS FOR APRIL, MAY, AND JUNE, 1922—Continued.

TYPHOID FEVER—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Apr.	May.	June.		Apr.	May.	June.
Montana:				New York—Continued.			
Big Horn County.....			1	Chemung County.....			1
Carbon County.....	3	1		Clinton County.....	1	1	1
Cascade County.....			1	Cortland County.....	1		
Custer County.....	1			Delaware County—			
Daniels County.....			1	Walton.....	6	26	2
Gallatin County.....			1	Scattering.....		2	2
Lewis and Clark County.....		1		Dutchess County.....	2	2	2
Ravalli County.....			1	Erie County.....	9	9	7
Rosebud County.....			3	Franklin County.....	4	3	
Sanders County.....		1	3	Fulton County.....			1
Silver Bow County.....	1	1	1	Genesee County.....	3	1	
Yellowstone County.....	1	1	3	Greene County.....	1	2	
Total.....	5	4	15	Herkimer County.....		1	
Nebraska:				Jefferson County.....		1	2
Dodge County.....		1		Lewis County.....	1		1
Douglas County.....		1	1	Madison County.....		1	
Hall County.....			1	Monroe County.....	5	3	4
Lincoln County.....		2	1	Montgomery County.....		1	2
Richardson County.....			1	Nassau County.....	1	4	1
Total.....		4	4	Niagara County.....	4	2	1
New Jersey:				Oneida County.....	6	1	2
Atlantic County.....		1	4	Orangetown County.....	1		3
Bergen County.....	1	1	6	Orange County.....			
Burlington County.....			1	Oswego County.....		1	4
Camden County.....	12	6	3	Otsego County.....		1	1
Cape May County.....			1	Rensselaer County.....	3	2	
Cumberland County.....			1	Saint Lawrence County.....	5	3	1
Essex County.....	4	5	11	Saratoga County.....	5		5
Gloucester County.....	2	2		Schenectady County.....	1		2
Hudson County.....		2	1	Steuben County.....	3	3	
Hunterdon County.....			1	Suffolk County.....	2	1	
Mercer County.....	7	3	3	Sullivan County.....			1
Middlesex County.....		2		Tompkins County.....		3	
Monmouth County.....	2	2	4	Ulster County.....	1	9	1
Morris County.....	3		4	Warren County.....		3	
Passaic County.....	3	2	3	Washington County.....			2
Salem County.....	2	2	2	Wayne County.....	5		
Somerset County.....			1	Westchester County.....	2	5	4
Union County.....	1	3	4	New York City.....	22	33	50
Warren County.....		1		Total.....	104	149	120
Total.....	37	32	50	North Carolina:			
New Mexico:				Alamance County.....	1	1	1
Bernalillo County.....	1			Alexander County.....			1
Colfax County.....		2	3	Anson County.....		1	
Curry County.....			1	Ashe County.....		3	
Doña Ana County.....		1		Beaufort County.....			2
Eddy County.....			1	Buncombe County.....	2		2
Lincoln County.....	1			Cabarrus County.....		1	5
Luna County.....			1	Caldwell County.....		3	3
Mora County.....		1		Carteret County.....			2
Otero County.....			1	Catawba County.....	1		3
Quay County.....		2		Chatham County.....	1		4
San Juan County.....			9	Cherokee County.....	1		1
San Miguel County.....			1	Cleveland County.....		2	4
Santa Fe County.....		2	2	Columbus County.....			2
Socorro County.....		3	1	Craven County.....		3	3
Torrance County.....			1	Cumberland County.....			1
Union County.....	1			Davidson County.....	2	3	3
Valencia County.....			2	Davie County.....		1	
Total.....	3	8	26	Duplin County.....	4	2	3
New York:				Durham County.....		1	13
Albany County.....	1	4	8	Edgecombe County.....			4
Allegany County.....	1	2	7	Forsyth County.....			6
Broome County.....	1		1	Franklin County.....			8
Cattaraugus County.....	3	2		Gaston County.....	2	1	4
Cayuga County.....				Graham County.....	2	3	2
Chautauqua County.....	1	1	1	Granville County.....		1	2
				Greene County.....		2	3
				Guilford County.....	2		6
				Halifax County.....	4	5	9
				Harnett County.....		5	
				Henderson County.....		3	

STATE REPORTS FOR APRIL, MAY, AND JUNE, 1922—Continued.

TYPHOID FEVER—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Apr.	May.	June.		Apr.	May.	June.
North Carolina—Continued.				Ohio—Continued.			
Hertford County.....			4	Geauga County.....	1		
Hoke County.....			1	Greene County.....		25	2
Iredell County.....	1		7	Guernsey County.....	2		2
Jackson County.....			1	Hamilton County.....	3	3	12
Johnston County.....	1	2	8	Hancock County.....			1
Jones County.....			1	Harrison County.....	1		
Lenoir County.....	1	1	9	Highland County.....			1
Lincoln County.....			7	Hocking County.....		2	2
Madison County.....		2		Huron County.....		1	
Martin County.....	1	2	7	Jefferson County.....		1	2
McDowell County.....			2	Knox County.....		1	
Mecklenburg County.....		1	10	Lake County.....		1	
Mitchell County.....	1			Lawrence County.....	1	1	9
Nash County.....			2	Licking County.....	1	1	
New Hanover County.....		1	5	Lorain County.....	2	6	1
Northampton County.....		2	6	Lucas County.....	1		5
Onslow County.....		2	4	Mahoning County.....	2	4	9
Orange County.....		3	2	Medina County.....	1	1	2
Pasquotank County.....			2	Meigs County.....		1	
Perquimans County.....			3	Miami County.....	1	1	1
Pitt County.....		5	14	Monroe County.....	1	4	2
Polk County.....		2		Montgomery County.....	2	1	3
Randolph County.....			5	Muskingum County.....			2
Richmond County.....		1	2	Noble County.....	1		1
Robeson County.....		4	6	Ottawa County.....		1	1
Rockingham County.....			13	Paulding County.....		1	
Rowan County.....	3	5	8	Perry County.....	1	1	2
Rutherford County.....	1		5	Pike County.....		1	2
Sampson County.....	1		4	Portage County.....			1
Stokes County.....	2	1	3	Ross County.....		2	
Surry County.....			5	Sandusky County.....			2
Swain County.....	1	1		Scioto County.....		2	5
Union County.....	1	2	13	Shelby County.....		1	1
Wake County.....	3	2	7	Stark County.....		5	
Warren County.....			4	Summit County.....	1	5	2
Washington County.....		9	4	Trumbull County.....	2	3	2
Watauga County.....		2	1	Tuscarawas County.....	1	1	1
Wayne County.....			3	Van Wert County.....		1	1
Wilkes County.....	1	1	5	Vinton County.....	1		
Wilson County.....	1	1	9	Warren County.....		1	
Yadkin County.....		3	3	Wayne County.....	2	2	4
Yancey County.....	1	3	3	Williams County.....	1		
				Wyandot County.....			1
Total.....	39	99	295	Total.....	45	122	119
North Dakota:				Oklahoma:			
Cavalier County.....			1	Blaine County.....		1	
Grand Forks County.....			1	Cherokee County.....	1		1
Morton County.....		1		Cimarron County.....		1	
Pierce County.....			1	Custer County.....		9	3
Total.....		1	3	Garfield County.....		2	
Ohio:				Gravin County.....		1	
Adams County.....	1			Grady County.....			6
Allen County.....		5	1	Mayes County.....		3	1
Ashland County.....			1	Nowata County.....			2
Ashtabula County.....			1	Oklahoma County.....			1
Athens County.....			1	Ottawa County.....		1	
Auglaize County.....				Pontotoc County.....	1		2
Belmont County.....	3	9	5	Pottawatomie County.....			6
Brown County.....	1			Pushmataha County.....	1		
Butler County.....		2	1	Seminole County.....			1
Champaign County.....	2	1		Stephens County.....		1	0
Clark County.....	1	1	2	Wagoner County.....			2
Clermont County.....		1	3	Total.....	3	18	35
Clinton County.....	2	1		Oregon:			
Columbiana County.....	2	12	1	Baker County.....			2
Crawford County.....			3	Clackamas County.....	1		
Cuyahoga County.....	3	5	10	Clatsop County.....	1		1
Erie County.....	3	1	2	Klamath County.....		1	
Fayette County.....			3	Lana County.....			1
Franklin County.....		1	3	Marion County.....		1	

STATE REPORTS FOR APRIL, MAY, AND JUNE, 1922—Continued.

TYPHOID FEVER—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Apr.	May.	June.		Apr.	May.	June.
Oregon—Continued.				South Carolina—Continued.			
Multnomah County.....	4	5	5	Greenwood County.....	6		
Union County.....		1		Lexington County.....		3	
Wasco County.....			1	Newberry County.....			18
Washington County.....		4		Oconee County.....		3	2
Total.....	6	13	10	Orangeburg County.....	5		
Pennsylvania:				Pickens County.....			3
Adams County.....	1	2	1	Richland County.....	2	3	13
Allegheny County.....	8	7	27	Spartanburg County.....		1	2
Armstrong County.....	3	4	3	Sumter County.....		1	3
Beaver County.....	1		1	Union County.....	2		
Bedford County.....				Williamsburg County.....		1	1
Berks County.....	3	3	5	York County.....		1	3
Blair County.....	1	1	1	Total.....	16	15	96
Bradford County.....	1	2		South Dakota:			
Bucks County.....	2	5	4	Butte County.....		1	
Butler County.....	1	1		Jones County.....			4
Cambria County.....		2	20	Lake County.....			1
Center County.....	1	1	2	Minnehaha County.....			2
Chester County.....		2	9	Moody County.....	1		
Clarion County.....		1		Roberts County.....	1		
Clearfield County.....		6	2	Stanley County.....		1	
Columbia County.....	1	1	1	Walworth County.....	1	1	1
Crawford County.....		2		Total.....	3	3	8
Cumberland County.....			1	Vermont:			
Dauphin County.....		1	3	Lamoille County.....	1	1	
Delaware County.....	1	4	3	Orange County.....			1
Elk County.....	1	1	1	Orleans County.....			1
Erie County.....	1		2	Rutland County.....			1
Fayette County.....	8	3	8	Windsor County.....	1		
Franklin County.....		6		Total.....	2	1	3
Fulton County.....	1		1	Virginia:			
Huntingdon County.....	1	1		Accomac County.....		2	2
Indiana County.....	1	1	2	Albemarle County.....	2	2	9
Jefferson County.....	4	3		Alexandria City.....	2	4	
Juniata County.....		1	2	Alleghany County.....			4
Lackawanna County.....		2	1	Amelia County.....		1	
Lancaster County.....	4	2	5	Amherst County.....	2	2	2
Lawrence County.....	1		1	Arlington County.....			2
Lebanon County.....		2		Augusta County.....			4
Lehigh County.....		2	2	Bedford County.....		1	1
Luzerne County.....			5	Bland County.....		3	
Lycoming County.....		1		Botetourt County.....		1	2
Mercer County.....	4	5	3	Brunswick County.....	2	1	2
Mifflin County.....	2		1	Buchanan County.....			12
Monroe County.....		1		Buckingham County.....		2	1
Montgomery County.....	6	5	6	Campbell County.....	1		3
Northampton County.....		1		Caroline County.....	3		3
Northumberland County.....				Carroll County.....			2
Philadelphia County.....	19	28	24	Charlotte County.....			1
Schuylkill County.....	1	2	1	Culpeper County.....		3	2
Snyder County.....		6		Dickenson County.....	2	2	
Somerset County.....		1	2	Dinwiddie County.....			5
Tioga County.....			2	Elizabeth City County.....		1	2
Venango County.....		4	1	Fairfax County.....			2
Warren County.....	2		2	Floyd County.....	1	2	5
Washington County.....		55	31	Fluvanna County.....		1	2
Westmoreland County.....	5	3	11	Franklin County.....			1
Wyoming County.....		1		Giles County.....	1		
York County.....	2	2	10	Gloucester County.....	1		2
Total.....	86	186	207	Grayson County.....		2	1
Rhode Island:				Greensville County.....		2	9
Providence County.....	1		1	Halifax County.....	1		
South Carolina:				Henrico County.....	1	4	1
Anderson County.....		1		Henry County.....			2
Charleston County.....			1	Isle of Wight County.....			4
Cherokee County.....	1	1	15	King and Queen County.....			2
Darlington County.....			16	Lancaster County.....			3
Fairfield County.....		1	1				
Greenville County.....			18				

STATE REPORTS FOR APRIL, MAY, AND JUNE, 1922—Continued.

TYPHOID FEVER—Continued.

Place.	New cases reported.			Place.	New cases reported.		
	Apr.	May.	June.		Apr.	May.	June.
Virginia—Continued.				West Virginia—Continued.			
Lee County.....	1	2	3	Doddridge County.....	1	5	9
Loudoun County.....	1	4	1	Fayette County.....	2	1	1
Louisa County.....	1	1	2	Gloucester County.....	1	1	1
Lunenburg County.....	1	1	1	Greenbrier County.....	1	1	1
Madison County.....	1	1	2	Hancock County.....	1	1	1
Mathews County.....	1	1	2	Harrison County.....	1	1	1
Mecklenburg County.....	1	1	2	Jackson County.....	1	1	1
Montgomery County.....	1	1	2	Kanawha County.....	1	1	1
Nansemond County.....	2	1	2	Lewis County.....	1	1	1
Nelson County.....	1	1	2	Lincoln County.....	1	1	1
Norfolk County.....	3	6	12	Logan County.....	3	2	4
Northampton County.....	1	1	4	Marion County.....	1	2	2
Northumberland County.....	6	1	1	Mineral County.....	1	1	1
Nettoway County.....	1	1	2	Mingo County.....	1	1	1
Patrick County.....	1	1	2	Monongalia County.....	3	6	2
Pittsylvania County.....	1	1	5	Monroe County.....	1	1	1
Prince Edward County.....	1	1	1	Nicholas County.....	1	1	1
Prince William County.....	1	1	1	Ohio County.....	1	1	1
Rappahannock County.....	1	1	1	Pendleton County.....	1	1	1
Roanoke County.....	1	1	1	Pocahontas County.....	1	1	1
Rockbridge County.....	1	1	1	Preston County.....	1	1	1
Rockingham County.....	1	1	1	Raleigh County.....	1	1	1
Russell County.....	1	1	1	Randolph County.....	1	1	1
Scott County.....	1	1	1	Roane County.....	1	1	1
Shenandoah County.....	1	1	1	Taylor County.....	1	1	1
Smyth County.....	1	1	1	Tucker County.....	1	1	1
Southampton County.....	1	1	1	Unshur County.....	1	1	1
Spotsylvania County.....	1	1	1	Wirt County.....	1	1	1
Stafford County.....	1	1	1	Wyoming County.....	1	1	1
Surry County.....	1	1	1				
Sussex County.....	1	1	2	Total.....	48	42	45
Tazewell County.....	1	2	2				
Warren County.....	1	1	3				
Warwick County.....	1	1	1				
Washington County.....	1	1	1				
Westmoreland County.....	2	2	1				
Wise County.....	1	2	10				
Wythe County.....	4	2	3				
York County.....	1	1	1				
Total.....	50	76	207				
Washington:				Wisconsin:			
Benton County.....	2	1	1	Ashland County.....	1	1	1
Chelan County.....	1	5	13	Brown County.....	1	1	1
Clallam County.....	1	1	1	Burnett County.....	1	1	1
Clarke County.....	1	1	1	Clark County.....	1	1	1
Columbia County.....	1	1	1	Door County.....	1	19	24
Cowlitz County.....	1	1	1	Douglas County.....	1	6	1
Douglas County.....	1	1	1	Fond du Lac County.....	5	3	1
Grant County.....	1	1	1	Kenosha County.....	1	1	1
King County.....	1	1	4	Kewaunee County.....	1	1	1
Kittitas County.....	1	1	1	La Crosse County.....	1	1	1
Klickitat County.....	1	1	1	Lafayette County.....	1	1	1
Lewis County.....	1	3	1	Lincoln County.....	1	1	1
Lincoln County.....	1	1	1	Marquette County.....	3	1	1
Okanogan County.....	1	1	4	Milwaukee County.....	5	3	1
Pacific County.....	1	1	1	Outagamie County.....	1	1	1
Pend Oreille County.....	1	1	1	Pierce County.....	1	1	1
Pierce County.....	1	3	9	Price County.....	3	1	2
Skagit County.....	1	1	2	Richland County.....	1	1	1
Spokane County.....	3	2	8	Rock County.....	1	1	2
Thurston County.....	1	1	1	Sauk County.....	1	1	1
Walla Walla County.....	1	1	6	Sawyer County.....	1	1	1
Yakima County.....	1	1	3	Shoshone County.....	1	1	1
Total.....	9	21	56	Vernon County.....	1	1	1
West Virginia:				Walworth County.....	1	1	1
Barbour County.....	2	1	3	Washington County.....	1	1	4
Berkeley County.....	1	1	1	Waupaca County.....	1	1	1
Braxton County.....	1	1	1	Winnebago County.....	1	1	2
Brooke County.....	1	1	1				
Cabell County.....	2	3	1	Total.....	25	35	40
Clay County.....	1	1	3				
				Wyoming:			
				Albany County.....	1	1	1
				Big Horn County.....	2	1	1
				Goshute County.....	1	1	1
				Hot Springs County.....	2	4	1
				Lincoln County.....	1	1	4
				Natrona County.....	1	1	2
				Park County.....	1	1	1
				Platte County.....	1	1	1
				Sheridan County.....	1	1	1
				Total.....	6	7	8

STATE REPORTS FOR APRIL, MAY, AND JUNE, 1922—Continued.

SUMMARY OF DISEASES.

State and disease.	New cases reported.			State and disease.	New cases reported.		
	Apr.	May.	June.		Apr.	May.	June.
Alabama:				Colorado:			
Cancer.....	1	8	0	Cancer.....	1	1	.....
Cerebrospinal meningitis.....	.....	1	.....	Chicken pox.....	114	188	123
Chicken pox.....	133	62	14	Diphtheria.....	130	95	99
Diphtheria.....	22	37	48	Erysipelas.....	15	15	12
Dysentery.....	3	18	11	Impetigo contagiosa.....	5	.....	2
German measles.....	3	2	.....	Influenza.....	62	4	.....
Hookworm disease.....	412	210	145	Measles.....	31	17	35
Influenza.....	338	30	18	Mumps.....	117	122	51
Malaria.....	40	78	127	Pellagra.....	.....	.....	1
Measles.....	29	27	32	Pneumonia (all forms).....	42	16	4
Mumps.....	7	14	8	Polioimyelitis.....	.....	1	.....
Ophthalmia neonatorum.....	.....	.....	2	Rocky Mountain spotted	.....	.....	.....
Pellagra.....	10	33	53	or tick fever.....	.....	1	.....
Pneumonia (all forms).....	41	15	3	Septic sore throat.....	.....	.....	1
Polioimyelitis.....	1	.....	3	Scarlet fever.....	102	168	78
Scabies.....	22	5	1	Smallpox.....	76	71	16
Scarlet fever.....	10	26	23	Trachoma.....	3	.....	.....
Septic sore throat.....	7	.....	.....	Tuberculosis (all forms).....	506	117	150
Smallpox.....	65	93	35	Typhoid fever.....	7	9	20
Tetanus.....	1	.....	.....	Vincent's angina.....	.....	3	1
Tuberculosis (all forms).....	64	124	68	Whooping cough.....	101	87	80
Typhoid fever.....	36	74	169	Connecticut:			
Typhus fever.....	.....	.....	1	Anthrax.....	.....	2	.....
Whooping cough.....	22	54	50	Botulism.....	.....	.....	1
Arkansas:				Cerebrospinal meningitis.....	.....	9	3
Cerebrospinal meningitis.....	.....	2	.....	Chicken pox.....	174	191	133
Chicken pox.....	54	15	18	Conjunctivitis (infectious).....	11	3	152
Diphtheria.....	14	20	9	Diphtheria.....	209	152	154
Hookworm disease.....	1	2	5	Dysentery (amebic).....	.....	.....	1
Influenza.....	550	90	16	Dysentery (bacillary).....	.....	.....	.....
Leprosy.....	.....	1	.....	German measles.....	56	67	35
Malaria.....	132	256	453	Influenza.....	395	47	22
Measles.....	58	16	25	Lethargic encephalitis.....	10	6	.....
Mumps.....	27	39	62	Malaria.....	1	2	4
Polioimyelitis.....	15	6	3	Measles.....	905	1,652	1,430
Scarlet fever.....	.....	.....	.....	Mumps.....	100	65	45
Smallpox.....	21	19	18	Paratyphoid fever.....	.....	3	3
Trachoma.....	5	2	11	Pellagra.....	1	.....	.....
Tuberculosis (all forms).....	37	46	79	Pneumonia (lobar).....	210	145	57
Typhoid fever.....	17	23	93	Polioimyelitis.....	.....	3	.....
Whooping cough.....	18	24	25	Scarlet fever.....	249	270	159
California:				Septic sore throat.....	1	5	3
Beriberi.....	.....	4	.....	Smallpox.....	70	54	25
Botulism.....	.....	1	3	Tetanus.....	.....	2	2
Cerebrospinal meningitis.....	7	14	9	Trachoma.....	5	.....	2
Chicken pox.....	508	814	530	Tuberculosis (pulmonary).....	133	158	137
Diphtheria.....	504	634	628	Tuberculosis (other forms).....	9	16	13
Dysentery.....	8	15	34	Typhoid fever.....	12	11	41
Erysipelas.....	45	64	42	Whooping cough.....	124	135	114
German measles.....	58	55	26	Delaware:			
Hookworm disease.....	2	1	.....	Anthrax.....	.....	1	.....
Influenza.....	756	166	29	Cerebrospinal meningitis.....	1	2	.....
Leprosy.....	1	4	1	Chicken pox.....	27	23	4
Lethargic encephalitis.....	5	18	8	Diphtheria.....	4	3	5
Malaria.....	3	13	7	Erysipelas.....	1	.....	.....
Measles.....	97	187	144	Influenza.....	8	1	5
Mumps.....	302	312	184	Malaria.....	4	1	5
Ophthalmia neonatorum.....	.....	1	.....	Measles.....	8	11	14
Paratyphoid fever.....	5	5	1	Mumps.....	.....	.....	1
Pellagra.....	4	3	3	Ophthalmia neonatorum.....	.....	.....	2
Plague.....	.....	.....	1	Pneumonia (all forms).....	13	7	2
Pneumonia (all forms).....	481	491	235	Puerperal septicemia.....	1	1	.....
Polioimyelitis.....	3	4	8	Scarlet fever.....	196	90	69
Rabies in man.....	1	.....	.....	Tetanus.....	.....	1	.....
Rocky Mountain spotted	.....	.....	.....	Tuberculosis (all forms).....	37	32	21
or tick fever.....	1	.....	1	Typhoid fever.....	.....	12	10
Scarlet fever.....	438	581	338	Whooping cough.....	1	4	.....
Smallpox.....	174	176	171	District of Columbia:			
Tetanus.....	2	10	5	Chicken pox.....	165	164	94
Trachoma.....	10	18	13	Diphtheria.....	39	63	20
Tuberculosis (all forms).....	670	926	647	Influenza.....	9	1	.....
Typhoid fever.....	41	68	99	Lethargic encephalitis.....	2	.....	.....
Whooping cough.....	307	494	423	Measles.....	62	.....	130

STATE REPORTS FOR APRIL, MAY, AND JUNE, 1922—Continued.

SUMMARY OF DISEASES—Continued.

State and disease.	New cases reported.			State and disease.	New cases reported.		
	Apr.	May.	June.		Apr.	May.	June.
District of Columbia—Contd.				Illinois—Continued.			
Pellagra		1		Dysentery	90	62	56
Scarlet fever	29	25	14	Erysipelas	73	79	61
Smallpox	7	10	1	German measles	2,067	1,291	377
Tuberculosis	120	(1)	(1)	Influenza	448	86	45
Typhoid fever	3	59	28	Lead poisoning	2	2	6
Whooping cough	27	35	54	Lethargic encephalitis	22	5	4
Florida:				Malaria	29	50	54
Cancer	34	49	35	Measles	2,647	3,292	2,762
Cerebrospinal meningitis	1		1	Mumps	546	529	337
Chicken pox	38	10	4	Ophthalmia neonatorum	24	17	31
Dengue	1	4	71	Paratyphoid fever	4	2	4
Diphtheria	56	61	35	Pellagra		2	7
Dysentery	17	28	11	Plumbism		3	
Favus	1			Pneumonia (all forms)	1,604	1,007	553
German measles	2	1	1	Poliomyelitis	2	7	8
Hookworm disease	853	536	130	Puerperal septicemia	4	5	
Influenza	73	96	161	Scarlet fever	927	664	467
Leprosy		1		Septic sore throat	64	30	
Lethargic encephalitis	1			Smallpox	189	232	112
Malaria	39	73	113	Tetanus	2	2	2
Measles	18	17	10	Trachoma	21	52	97
Mumps	2	1	1	Trichinosis	1		
Ophthalmia neonatorum	1			Tuberculosis (all forms)	1,209	1,627	1,413
Paratyphoid fever	2		3	Typhoid fever	67	132	111
Pellagra	11	11	12	Typhus fever	1		1
Pneumonia (all forms)	53	99	53	Whooping cough	580	659	(1)
Poliomyelitis	4	2	1	Indiana:			
Scarlet fever	7	4	14	Cerebrospinal meningitis	4	1	3
Smallpox	41	32	31	Diphtheria	138	142	105
Tetanus	4	5	6	Influenza	37	3	1
Trachoma	3		1	Measles	128	253	265
Trichinosis	1			Pneumonia (all forms)	33	7	9
Tuberculosis (all forms)	84	165	127	Poliomyelitis	1	1	1
Typhoid fever	85	63	81	Scarlet fever	222	147	85
Whooping cough	18	27	8	Smallpox	138	147	119
Hawaii:				Tuberculosis (all forms)	127	93	136
Cerebrospinal meningitis			4	Typhoid fever	23	10	23
Chicken pox	18	15	4	Iowa:			
Conjunctivitis (acute)	37	60	33	Cerebrospinal meningitis	2	1	2
Diphtheria	12	12	18	Diphtheria	53	40	63
Hookworm disease		3		Measles	18	13	19
Influenza	145	130	11	Poliomyelitis		2	
Leprosy	3	11	6	Scarlet fever	169	113	85
Measles	52	46	78	Smallpox	56	76	44
Paratyphoid fever		1	2	Kansas:			
Scarlet fever	3	1	1	Cancer	21	26	24
Smallpox	1		1	Cerebrospinal meningitis	3	3	
Tetanus	3		3	Chicken pox	267	254	139
Trachoma	15	3		Diphtheria	148	119	109
Tuberculosis (all forms)	86	85	69	Erysipelas	8	2	7
Typhoid fever	12	20	11	German measles	2	2	
Whooping cough	9	45	25	Influenza	91	17	2
Idaho:				Lethargic encephalitis	1		
Chicken pox	5	4	12	Malaria		1	5
Conjunctivitis	2			Measles	41	44	44
Diphtheria	9	3	7	Mumps	80	81	21
Influenza	3			Pellagra	1		1
Measles	1	4	2	Pneumonia (all forms)	103	48	22
Mumps	4	1	1	Poliomyelitis		1	1
Rocky Mountain spotted or tick fever	1	4	16	Scarlet fever	204	151	118
Scabies	6	6		Septic sore throat			1
Scarlet fever	37	22	12	Smallpox	75	70	45
Smallpox	23	14	22	Tetanus		2	1
Tuberculosis (all forms)	11	2	2	Trachoma	5	1	
Typhoid fever	2	6	2	Trichinosis	1		
Whooping cough	7	2	11	Tuberculosis (all forms)	161	233	208
Illinois:				Typhoid fever	22	32	51
Actinomycosis		1		Whooping cough	100	130	243
Cerebrospinal meningitis	24	15	15	Louisiana:			
Chicken pox	1,162	1,481	729	Anthrax		1	
Continued fever	4	1	11	Cerebrospinal meningitis	3	2	2
Diphtheria	835	825	804	Chicken pox	11	1	2
				Diphtheria	51	38	31
				Dysentery	4	13	35

¹ No report received.

² Deaths.

STATE REPORTS FOR APRIL, MAY, AND JUNE, 1922—Continued.

SUMMARY OF DISEASES—Continued.

State and disease.	New cases reported.			State and disease.	New cases reported.		
	Apr.	May.	June.		Apr.	May.	June.
Louisiana—Continued.				Massachusetts—Continued.			
Hookworm disease.....	1	.....	3	Eczema.....	1	.....	.....
Influenza.....	608	107	2	German measles.....	89	96	52
Leprosy.....	3	3	.....	Hookworm disease.....	.....	1	.....
Lethargic encephalitis.....	1	2	.....	Influenza.....	163	38	11
Malaria.....	48	107	178	Ivy poisoning.....	1	.....	.....
Measles.....	21	80	16	Lead colic.....	.....	1	.....
Mumps.....	5	.....	2	Lead poisoning.....	11	11	5
Pellagra.....	15	20	25	Lethargic encephalitis.....	47	29	5
Pneumonia (all forms).....	1 130	1 121	1 99	Malaria.....	.....	4	5
Polioimyelitis.....	1	3	4	Measles.....	3,621	4,160	3,199
Scarlet fever.....	21	16	11	Mumps.....	506	514	375
Septic sore throat.....	1	.....	.....	Ophthalmia neonatorum.....	82	65	63
Smallpox.....	88	1 108	30	Pellagra.....	2	2	.....
Tuberculosis (all forms).....	1 208	1 192	1 200	Plumbism.....	.....	.....	.....
Typhoid fever.....	50	65	102	Pneumonia (lobar).....	528	417	139
Whooping cough.....	32	21	39	Polioimyelitis.....	3	.....	4
Maine:				Scarlet fever.....	743	757	470
Cerebrospinal meningitis.....	2	1	.....	Septic sore throat.....	7	7	5
Chicken pox.....	37	34	42	Smallpox.....	.....	.....	1
Diphtheria.....	29	29	26	Tetanus.....	1	3	.....
German measles.....	5	1	.....	Trachoma.....	7	14	9
Influenza.....	480	27	2	Trichinosis.....	1	1	1
Lethargic encephalitis.....	1	.....	1	Tuberculosis (pulmonary).....	609	605	614
Measles.....	8	41	44	Tuberculosis (other forms).....	97	120	130
Mumps.....	3	1	.....	Typhoid fever.....	29	36	41
Ophthalmia neonatorum.....	1	.....	.....	Whooping cough.....	339	416	359
Paratyphoid fever B.....	2	4	2	Michigan:			
Pellagra.....	1	.....	.....	Chicken pox.....	364	465	.....
Pneumonia (all forms).....	38	23	18	Diphtheria.....	457	501	.....
Polioimyelitis.....	1	.....	.....	Erysipelas.....	57	21	.....
Scarlet fever.....	164	119	76	Influenza.....	260	22	.....
Septic sore throat.....	2	1	.....	Measles.....	2,738	2,913	.....
Smallpox.....	2	.....	.....	Mumps.....	411	525	.....
Tuberculosis (all forms).....	38	37	29	Pneumonia (all forms).....	756	601	.....
Typhoid fever.....	20	9	4	Polioimyelitis.....	4	1	.....
Whooping cough.....	29	33	118	Scarlet fever.....	629	562	.....
Maryland:				Septic sore throat.....	41	33	.....
Anthrax.....	.....	.....	1	Smallpox.....	130	129	.....
Cerebrospinal meningitis.....	1	2	1	Tuberculosis (all forms).....	497	1,082	.....
Chicken pox.....	330	317	181	Typhoid fever.....	67	84	.....
Diphtheria.....	114	111	87	Whooping cough.....	410	556	.....
Dysentery.....	2	3	7	Minnesota:			
Erysipelas.....	17	16	13	Cerebrospinal meningitis.....	2	12	1
German measles.....	16	14	16	Chicken pox.....	219	314	181
Influenza.....	677	89	22	Diphtheria.....	199	266	188
Jaundice.....	2	.....	1	Dysentery.....	.....	.....	3
Lethargic encephalitis.....	3	10	2	Erysipelas.....	.....	7	.....
Malaria.....	13	18	16	Influenza.....	273	17	1
Measles.....	1,251	1,504	949	Leprosy.....	.....	1	.....
Mumps.....	300	701	487	Measles.....	337	617	527
Ophthalmia neonatorum.....	1	3	7	Pneumonia (all forms).....	20	34	8
Paratyphoid fever.....	1	3	4	Polioimyelitis.....	1	.....	.....
Pellagra.....	1	.....	1	Scarlet fever.....	477	425	347
Pneumonia (all forms).....	459	283	126	Smallpox.....	232	238	89
Polioimyelitis.....	.....	2	2	Trachoma.....	.....	1	3
Scarlet fever.....	262	175	85	Tuberculosis (all forms).....	364	445	387
Septic sore throat.....	7	9	4	Typhoid fever.....	18	26	26
Smallpox.....	5	.....	4	Whooping cough.....	161	199	131
Tetanus.....	2	2	1	Mississippi:			
Trachoma.....	2	.....	.....	Cancer.....	124	111	117
Tuberculosis (all forms).....	165	253	265	Cerebrospinal meningitis.....	1	1	.....
Typhoid fever.....	21	31	49	Chicken pox.....	500	373	228
Vincent's angina.....	.....	.....	3	Diphtheria.....	48	67	60
Whooping cough.....	118	141	140	Dysentery (amebic).....	26	82	46
Massachusetts:				Dysentery (bacillary).....	380	1,645	1,985
Actinomycosis.....	.....	1	.....	Hookworm disease.....	254	240	270
Cerebrospinal meningitis.....	15	9	13	Influenza.....	4,341	753	198
Chicken pox.....	419	433	325	Leprosy.....	2	.....	.....
Conjunctivitis (suppurative).....	55	56	30	Malaria.....	5,031	7,516	10,745
Dermatitis.....	2	1	1	Measles.....	111	42	22
Diphtheria.....	581	558	459	Mumps.....	38	60	16
Dysentery.....	1	3	.....	Ophthalmia neonatorum.....	14	13	12

¹ A considerable number of these cases occurred prior to the month for which reported.

² Report for June not received at time of going to press.

STATE REPORTS FOR APRIL, MAY, AND JUNE, 1922—Continued.

SUMMARY OF DISEASES—Continued.

State and disease.	New cases reported.			State and disease.	New cases reported.		
	Apr.	May.	June.		Apr.	May.	June.
Mississippi—Continued.				New Mexico			
Pellagra.....	612	1,037	1,329	Cancer.....		2	
Pneumonia (all forms).....	933	337	171	Chicken pox.....		11	7
Polioomyelitis.....	1	2	3	Conjunctivitis (acute contagious).....		15	11
Puerperal septicemia.....	32	31	38	Diphtheria.....	70	105	85
Scarlet fever.....	15	10	20	Influenza.....	524	21	1
Smallpox.....	111	32	17	Lethargic encephalitis.....		1	
Trachoma.....	10	7	5	Malaria.....		4	9
Tuberculosis (all forms).....	320	284	322	Measles.....	3	1	
Typhoid fever.....	120	147	337	Mumps.....		13	8
Whooping cough.....	1,064	1,154	1,024	Pellagra.....		1	
Montana:				Pneumonia (all forms).....	47	35	6
Cancer.....	4	4	1	Polioomyelitis.....			1
Cerebrospinal meningitis.....		3	1	Puerperal septicemia.....			1
Chicken pox.....	35	43	38	Scarlet fever.....	29	44	39
Diphtheria.....	55	28	18	Septic sore throat.....		1	1
Erysipelas.....	1	1	1	Smallpox.....	17	11	
German measles.....			1	Trachoma.....		1	
Influenza.....	14		1	Tuberculosis (all forms).....	93	110	99
Lethargic encephalitis.....		1		Typhoid fever.....	3	8	26
Measles.....	5	2	2	Whooping cough.....		8	14
Mumps.....	81	36	20	New York:			
Pneumonia (all forms).....	12	7	4	Anthrax.....	1	3	1
Polioomyelitis.....		1		Cerebrospinal meningitis.....	29	33	24
Rocky Mountain spotted or tick fever.....	5	22	15	Chicken pox.....	1,211	1,335	1,009
Scarlet fever.....	28	25	18	Diphtheria.....	1,665	1,873	1,463
Septic sore throat.....		2		Dysentery.....	1	3	1
Smallpox.....	53	47	25	German measles.....	285	319	165
Trachoma.....		1		Influenza.....	1,540	294	102
Tuberculosis (all forms).....	9	20	19	Lethargic encephalitis.....	212	110	55
Typhoid fever.....	5	4	15	Measles.....	12,170	13,400	7,441
Whooping cough.....	35	32	24	Mumps.....	1,419	1,377	986
Nebraska:				Paratyphoid fever.....	6	8	4
Cerebrospinal meningitis.....	1		1	Pneumonia (all forms).....	3,395	2,797	1,395
Chicken pox.....	63	65	113	Polioomyelitis.....	8	15	4
Diphtheria.....	37	32	44	Puerperal septicemia.....	23	29	23
German measles.....	5		1	Scarlet fever.....	2,422	2,451	1,207
Influenza.....	108	3		Septic sore throat.....	40	19	2
Lethargic encephalitis.....	1	1	2	Smallpox.....	7	20	57
Measles.....	374	390	187	Tetanus.....	11	11	8
Mumps.....	60	86	54	Trachoma.....	5	3	3
Pneumonia.....	2	5		Tuberculosis (all forms).....	1,926	2,342	2,009
Polioomyelitis.....		1	1	Typhoid fever.....	104	140	120
Scarlet fever.....	99	66	56	Typhus fever.....			1
Smallpox.....	41	46	18	Vincent's angina.....		13	6
Tetanus.....			1	Whooping cough.....	1,131	1,196	1,324
Tuberculosis.....	14	3	31	North Carolina:			
Typhoid fever.....		4	4	Cerebrospinal meningitis.....		6	4
Whooping cough.....	8	28	15	Chicken pox.....	520	368	159
New Jersey:				Diphtheria.....	110	90	124
Anthrax.....	1			German measles.....	2	6	3
Arsenic poisoning.....			2	Measles.....	173	302	152
Cerebrospinal meningitis.....	9	9	11	Ophthalmia neonatorum.....	1		1
Chicken pox.....	580	529	384	Polioomyelitis.....		2	3
Diphtheria.....	433	475	385	Scarlet fever.....	82	76	76
Dysentery.....	5	4	2	Septic sore throat.....	12	7	7
Epilepsy.....	5	2	5	Smallpox.....	133	130	106
German measles.....	111	145	63	Typhoid fever.....	39	99	285
Influenza.....	116	43	15	Whooping cough.....	646	963	804
Lead poisoning.....	6	3	5	North Dakota:			
Malaria.....	7	4	11	Chicken pox.....	11	9	4
Measles.....	4,084	5,040	2,853	Diphtheria.....	26	12	16
Mercury poisoning.....	1			Influenza.....	22	22	1
Ophthalmia neonatorum.....	5	3	4	Measles.....	1	3	2
Paratyphoid fever.....			1	Mumps.....	1		
Pneumonia (all forms).....	597	484	197	Pneumonia (broncho).....	1		
Polioomyelitis.....	4	3	3	Pneumonia (lobar).....	1		
Scarlet fever.....	991	972	517	Scarlet fever.....	75	48	20
Smallpox.....		2		Smallpox.....	72	84	25
Trachoma.....	3	5	1	Tuberculosis (all forms).....		9	3
Tuberculosis (all forms).....	439	503	425	Typhoid fever.....		1	3
Typhoid fever.....	37	32	50	Whooping cough.....		6	9
Typhus fever.....		1					
Whooping cough.....	420	548	519				

STATE REPORTS FOR APRIL, MAY, AND JUNE, 1922—Continued.

SUMMARY OF DISEASES—Continued.

State and disease.	New cases reported.			State and disease.	New cases reported.		
	Apr.	May.	June.		Apr.	May.	June.
Ohio:				Pennsylvania—Continued.			
Cerebrospinal meningitis.....	9	6	7	German measles.....	391	456	231
Chicken pox.....	708	654	372	Glanders.....	1	.....	.....
Diphtheria.....	571	480	436	Impetigo contagiosa.....	20	37	11
Dysentery.....	35	1	.....	Lead poisoning.....	2	.....	.....
Erysipelas.....	35	33	28	Malaria.....	1	2	.....
German measles.....	108	164	65	Measles.....	3,413	5,960	5,103
Influenza.....	181	41	11	Mumps.....	1,110	824	399
Lethargic encephalitis.....	7	4	.....	Ophthalmia neonatorum.....	16	9	5
Malaria.....	1	.....	.....	Pellagra.....	1	.....	1
Measles.....	3,268	5,627	3,723	Pneumonia.....	569	409	222
Mumps.....	363	252	129	Polio-myelitis.....	4	4	1
Ophthalmia neonatorum.....	136	137	144	Puerperal fever.....	6	8	2
Pneumonia (all forms).....	542	406	183	Scabies.....	83	66	36
Polio-myelitis.....	2	2	4	Scarlet fever.....	1,559	1,185	685
Scarlet fever.....	727	588	452	Smallpox.....	9	2	.....
Smallpox.....	300	241	160	Tetanus.....	6	.....	4
Trachoma.....	15	10	12	Trachoma.....	.....	3	2
Tuberculosis (all forms).....	648	725	438	Trichinosis.....	1	.....	.....
Typhoid fever.....	45	122	119	Tuberculosis.....	607	586	297
Whooping cough.....	798	1,140	1,042	Typhoid fever.....	86	186	207
Occupational diseases—				Whooping cough.....	877	1,020	1,071
Bronchitis.....	1	.....	.....	Rhode Island:			
Dermatitis.....	37	63	46	Cerebrospinal meningitis.....	1	.....	1
Poisoning—				Chicken pox.....	18	10	5
Aniline.....	1	.....	.....	Diphtheria.....	55	63	37
Benzene.....	.....	2	.....	German measles.....	1	12	2
Benzol.....	.....	.....	.....	Influenza.....	65	13	.....
Lead.....	16	7	7	Malaria.....	1	2	.....
Lead (suspected).....	15	10	.....	Measles.....	14	37	15
Mercury.....	1	.....	.....	Mumps.....	17	8	8
Paranitraniline.....	.....	.....	1	Ophthalmia neonatorum.....	3	1	.....
Paratoluidine.....	2	.....	.....	Pneumonia (all forms).....	7	8	4
Oklahoma:				Polio-myelitis.....	.....	.....	5
Chicken pox.....	32	28	3	Scarlet fever.....	31	37	12
Cholera infantum.....	.....	18	.....	Septic sore throat.....	2	15	3
Diphtheria.....	14	5	12	Smallpox.....	.....	.....	2
Dysentery.....	2	5	.....	Tetanus.....	1	1	.....
Influenza.....	72	45	.....	Trachoma.....	1	1	.....
Malaria.....	1	8	4	Tuberculosis (all forms).....	80	50	66
Measles.....	5	.....	6	Typhoid fever.....	1	.....	1
Pellagra.....	1	3	.....	Whooping cough.....	20	39	34
Pneumonia (all forms).....	68	38	6	South Carolina:			
Puerperal septicemia.....	3	3	2	Cancer.....	3	.....	1
Scarlet fever.....	10	13	6	Cerebrospinal meningitis.....	1	.....	2
Smallpox.....	175	52	13	Chicken pox.....	29	28	12
Trachoma.....	2	2	.....	Diphtheria.....	87	176	110
Tuberculosis (all forms).....	13	15	36	Dysentery.....	2	.....	2
Typhoid fever.....	3	18	35	Hookworm disease.....	5	12	40
Whooping cough.....	.....	.....	12	Influenza.....	61	20	.....
Oregon:				Malaria.....	30	6	5
Anthrax.....	.....	.....	1	Measles.....	4	1	1
Chicken pox.....	59	52	38	Mumps.....	1	.....	.....
Diphtheria.....	55	54	54	Ophthalmia neonatorum.....	1	.....	.....
Erysipelas.....	14	12	.....	Paratyphoid fever.....	1	.....	.....
Influenza.....	5	2	.....	Pellagra.....	5	8	3
Lethargic encephalitis.....	3	1	1	Pneumonia (all forms).....	22	5	1
Measles.....	14	8	6	Polio-myelitis.....	.....	1	2
Mumps.....	37	23	14	Scarlet fever.....	4	2	3
Pneumonia.....	5	1	1	Septic sore throat.....	8	.....	.....
Rocky Mountain spotted or tick fever.....	4	5	1	Smallpox.....	41	21	14
Scarlet fever.....	34	42	31	Tuberculosis (all forms).....	9	10	14
Septic sore throat.....	69	2	6	Typhoid fever.....	16	15	96
Smallpox.....	82	33	59	Whooping cough.....	78	6	42
Tuberculosis.....	55	38	56	South Dakota:			
Typhoid fever.....	6	13	10	Cerebrospinal meningitis.....	1	1	2
Whooping cough.....	16	17	16	Chicken pox.....	25	59	19
Pennsylvania:				Diphtheria.....	22	15	21
Anthrax.....	6	.....	.....	Erysipelas.....	.....	5	.....
Cerebrospinal meningitis.....	13	12	7	Influenza.....	16	.....	.....
Chicken pox.....	1,870	1,598	977	Measles.....	30	7	14
Diphtheria.....	1,095	846	743	Paratyphoid fever.....	1	.....	.....
Encephalitis.....	37	25	14	Pneumonia (all forms).....	17	20	5
Erysipelas.....	82	82	28	Polio-myelitis.....	.....	1	1

STATE REPORTS FOR APRIL, MAY, AND JUNE, 1922—Continued.

SUMMARY OF DISEASES—Continued.

State and disease.	New cases reported.			State and disease.	New cases reported.		
	Apr.	May.	June.		Apr.	May.	June.
South Dakota—Continued.				Washington—Continued.			
Rocky mountain spotted or tick fever.....		1		Septic sore throat.....		1	
Scarlet fever.....	72	59	18	Smallpox.....	172	109	66
Small pox.....	62	55	39	Tuberculosis (all forms).....	113	146	355
Tetanus.....			1	Typhoid fever.....	9	21	56
Trachoma.....		3	3	Whooping cough.....	128	165	
Trichinosis.....			1	West Virginia:			
Tuberculosis (all forms).....	26	15	16	Cerebrospinal meningitis.....	2	1	3
Typhoid fever.....	3	3	8	Chicken pox.....	159		86
Whooping cough.....	10	1	17	Diphtheria.....	85	66	81
Vermont:				Influenza.....	669	80	18
Cerebrospinal meningitis.....		1		German measles.....	2	36	
Chicken pox.....	70	84	91	Hookworm disease.....		1	
Diphtheria.....	22	21	16	Measles.....	297	67	131
Erysipelas.....			3	Ophthalmia neonatorum.....		1	4
German measles.....	9		8	Pellagra.....			1
Influenza.....	14			Poliomyelitis.....		2	
Measles.....	68	174	79	Scarlet fever.....	115	57	40
Mumps.....	38	43	19	Smallpox.....	92	36	56
Pneumonia (all forms).....	19	3	5	Tuberculosis.....			91
Poliomyelitis.....		1		Trachoma.....	1	1	11
Scarlet fever.....	146	109	60	Typhoid fever.....	48	42	45
Smallpox.....		1	1	Whooping cough.....	56	44	48
Tuberculosis (all forms).....	19	12	28	Wisconsin:			
Typhoid fever.....	2	1	3	Cerebrospinal meningitis.....	9	11	4
Whooping cough.....	50	75	79	Chicken pox.....	374	519	411
Virginia:				Diphtheria.....	214	144	161
Cerebrospinal meningitis.....	13	2	5	Erysipelas.....	34	23	15
Chicken pox.....	345	273	164	German measles.....	49	137	57
Diarrhea.....	190	844	1,903	Influenza.....	2,475	279	34
Diphtheria.....	100	90	92	Lethargic encephalitis.....	3	1	
Hookworm disease.....	9	31	25	Measles.....	80	147	307
Influenza.....	3,285	898	252	Ophthalmia neonatorum.....		1	2
Leprosy.....	1			Pneumonia (all forms).....	115	106	37
Malaria.....	123	224	327	Poliomyelitis.....	1	1	
Measles.....	867	868	497	Scarlet fever.....	376	343	197
Pellagra.....	17	23	35	Smallpox.....	112	188	129
Poliomyelitis.....	4	4	9	Trachoma.....	5		1
Scarlet fever.....	61	71	63	Tuberculosis (all forms).....	185	236	285
Smallpox.....	43	29	21	Typhoid fever.....	25	35	40
Tuberculosis (all forms).....	311	340	296	Whooping cough.....	375	783	666
Typhoid fever.....	50	78	207	Wyoming:			
Washington:				Chicken pox.....	32		
Cerebrospinal meningitis.....	2	3	1	Diphtheria.....	6	8	4
Chicken pox.....	189	220	254	Dysentery.....			10
Diphtheria.....	176	92	64	Erysipelas.....	2		
Erysipelas.....	1	1	2	Hookworm disease.....			1
German measles.....	1	4	4	Influenza.....	124	22	
Influenza.....	27	15		Measles.....	4	3	
Lethargic encephalitis.....		1		Paratyphoid fever.....			
Measles.....	28	45	135	Pneumonia (all forms).....	33	29	5
Mumps.....	201	193	102	Rocky Mountain spotted or tick fever.....	4	28	34
Pneumonia (all forms).....	53	76	29	Scarlet fever.....	10	4	4
Poliomyelitis.....	1	1	1	Smallpox.....	29	19	12
Rocky Mountain spotted or tick fever.....		4		Tuberculosis (all forms).....	11	30	5
Scarlet fever.....	91	68	52	Typhoid fever.....	6	7	8
				Whooping cough.....	5		

STATE REPORTS FOR MARCH, 1922 (DELAYED).¹

	New cases reported.		New cases reported.
ANTHRAX.		SMALLPOX—continued.	
Pennsylvania:		Montana—Continued.	
Philadelphia County—		Gallatin County.....	5
Philadelphia.....	3	Judith Basin County.....	1
		Lewis and Clark County.....	2
CEREBROSPINAL MENINGITIS.		Musselshell County.....	5
Montana:		Park County.....	1
Blaine County.....	1	Phillips County.....	12
Silver Bow County.....	1	Pondera County.....	3
Total.....	2	Roosevelt County.....	11
New Mexico:		Sanders County.....	2
Socorro County.....	1	Stillwater County.....	2
		Wheatland County.....	3
Pennsylvania:		Yellowstone County.....	1
Allegheny County.....	2	Total.....	83
Cambria County.....	2	New Mexico:	
Philadelphia County.....	4	Curry County.....	1
Total.....	8	Grant County.....	2
		Santa Fe County.....	1
INFLUENZA.		Union County.....	2
Arizona:		Total.....	6
Cocconino County.....	5	Pennsylvania:	
Gila County.....	9	Lebanon County.....	5
Total.....	14	Philadelphia County.....	2
Montana.....	1,410	Total.....	7
New Mexico:		TYPHOID FEVER.	
Bernalillo County.....	256	Arizona:	
Chaves County.....	36	Maricopa County.....	2
Coffax County.....	82		
Curry County.....	28	Montana:	
De Baca County.....	4	Carbon County.....	3
Doña Ana County.....	1,360	Judith Basin County.....	1
Eddy County.....	9	Lincoln County.....	1
Grant County.....	37	Sanders County.....	1
Luna County.....	48	Yellowstone County.....	1
Mora County.....	5	Total.....	7
Otero County.....	112	New Mexico:	
Quay County.....	10	Chaves County.....	1
Rio Arriba County.....	57	Santa Fe County.....	1
Sandoval County.....	3	Taos County.....	1
San Miguel County.....	10	Total.....	3
Santa Fe County.....	341	Pennsylvania:	
Socorro County.....	9	Adams County.....	1
Taos County.....	22	Allegheny County.....	10
Torrance County.....	88	Armstrong County.....	2
Union County.....	17	Beaver County.....	3
Valencia County.....	40	Berks County.....	7
Total.....	2,574	Blair County.....	1
		Bucks County.....	2
SMALLPOX.		Center County.....	2
Arizona:		Chester County.....	1
Cochise County.....	2	Clinton County.....	2
Gila County.....	1	Columbia County.....	2
Maricopa County.....	3	Crawford County.....	1
Pima County.....	111	Cumberland County.....	4
Yuma County.....	5	Dauphin County.....	1
Total.....	122	Delaware County.....	3
Montana:		Erie County.....	2
Beaverhead County.....	2	Fayette County.....	2
Carbon County.....	1	Franklin County.....	3
Cascade County—		Lancaster County.....	1
Great Falls.....	13	Lehigh County.....	2
Scattering.....	7	Luzerne County.....	2
Custer County.....	1	Lycoming County.....	1
Daniels County.....	5	Mercer County.....	6

¹ These reports were received too late to be included in the State reports for January, February, and March, 1922, published in the Public Health Reports, June 2, 1922.² Nine deaths.

STATE REPORTS FOR MARCH, 1922 (DELAYED)—Continued.

	New cases reported.		New cases reported.
TYPHOID FEVER—continued		SUMMARY OF DISEASES—continued.	
Pennsylvania—Continued.		Montana—Continued.	
Mifflin County.....	1	Smallpox.....	83
Montgomery County.....	4	Tuberculosis.....	57
Northampton County.....	4	Typhoid fever.....	7
Schuylkill County.....	2	Whooping cough.....	31
Snyder County.....	2	New Mexico:	
Tioga County.....	1	Cerebrospinal meningitis.....	1
Venango County.....	1	Diphtheria.....	98
Washington County.....	2	Influenza.....	2,574
Westmoreland County.....	2	Measles.....	6
York County.....	1	Pneumonia (all forms).....	129
Total.....	81	Scarlet fever.....	32
SUMMARY OF DISEASES.		Smallpox.....	6
Arizona:		Tuberculosis (all forms).....	127
Chicken pox.....	8	Typhoid fever.....	3
Diphtheria.....	6	Pennsylvania:	
Influenza.....	14	Anthrax.....	3
Measles.....	1	Cerebrospinal meningitis.....	8
Scarlet fever.....	11	Chicken pox.....	2,168
Smallpox.....	122	Diphtheria.....	1,280
Typhoid fever.....	2	Encephalitis.....	11
Whooping cough.....	13	Erysipelas.....	117
Montana:		German measles.....	159
Cancer.....	2	Impetigo contagiosa.....	39
Cerebrospinal meningitis.....	2	Measles.....	2,369
Chicken pox.....	48	Mumps.....	1,305
Diphtheria.....	48	Ophthalmia neonatorum.....	13
Erysipelas.....	8	Pneumonia (all forms).....	794
Influenza.....	1,410	Puerperal septicemia.....	3
Measles.....	7	Scabies.....	77
Mumps.....	125	Scarlet fever.....	2,125
Pneumonia.....	29	Smallpox.....	7
Scarlet fever.....	81	Tetanus.....	6
Septic sore throat.....	2	Trachoma.....	3
		Tuberculosis (all forms).....	602
		Typhoid fever.....	81
		Whooping cough.....	942

¹ Nine deaths.

5735°—22—6

FOREIGN AND INSULAR.

CHOLERA AND TYPHUS FEVER ON VESSEL.

Steamship "Chios"—At Kavak—From Black Sea Port.

Information dated August 10, 1922, shows the occurrence of cholera and typhus fever on the Greek vessel *Chios* at Kavak quarantine station, on the Bosphorus.

Cholera.—The *Chios* arrived July 18, 1922, at Kavak from Novorossysk, a Russian port on the Black Sea, with 4,500 refugees on board destined for Saloniki, Greece. The vessel gave a history of having buried six passengers at sea. During the stay of the *Chios* at Kavak 12 bodies were landed. Nine sick cases were landed, one of which was cholera. The cholera patient was stated to have been recognized as a carrier the day before the disease developed.

Typhus Fever.—Of nine sick cases landed from the *Chios* at Kavak one was verified as typhus fever.

The *Chios* left Kavak July 22, 1922.¹

TYPHOID FEVER ON VESSEL.

Steamship "Atlantehavet"—At Mobile, Ala.—From Gibraltar, via New York and Pensacola.

The Danish steamship *Atlantehavet*, arriving at Mobile, Ala., August 5, from Gibraltar July 6, via New York, July 20, and Pensacola Fla., July 30, reported 13 cases of illness among a crew of 32 men. Three patients were landed at New York, one of whom subsequently died of typhoid fever. Of the three hospitalized at Pensacola, two were found to be suffering from typhoid fever, and of these removed from the vessel at Mobile, one had typhoid fever.

Measures to prevent further infection were instituted by the service officer in charge of the Marine Hospital at Mobile.

CHINA.

Cholera—Shanghai.

On July 29, 1922, there were stated to be 250 cases of cholera in the Chinese isolation hospital at Shanghai, China.

¹ For previous occurrence of cholera on vessel carrying refugees from Russia to Saloniki, see Public Health Reports, July 14, 1922, p. 1767.

MADAGASCAR.**Plague—Tamatave.**

Plague was reported present at Tamatave, Madagascar, August 21, 1922.

NORWAY.**Typhus Fever—Finmarken.**

Information received under date of July 26, 1922, indicated the presence of typhus fever in Finmarken, the most northern Province of Norway and adjoining the frontier of Russia. Under date of August 5, typhus fever was reported present in epidemic form, with about 12 cases and two deaths. Three localities were reported infected. The source of the infection was believed to be Lapps arriving with reindeer herds from Russia. It was stated that medical aid was sent to the infected region by airplane from Hammerfest.

POLAND.**Cholera—Rovno.**

During the week ended August 5, 1922, 30 cases of cholera with seven deaths were reported at Rovno, Poland.¹

Rovno is a repatriation station for persons returning from Russia into Poland.

Cholera—Zamosc.

Under date of August 21, 1922, one fatal case of cholera was reported at Zamosc.

RUMANIA.**Entry of Refugees from Russia Prohibited.**

According to information dated July 27, 1922, entry into Rumania of refugees from Russia has been temporarily prohibited by the Rumanian Government on account of the prevalence of cholera in the Ukraine, Russia.

SPAIN.**Typhoid Fever Epidemic—Vicinity of Barcelona.**

Typhoid fever in epidemic form was reported present in a village 25 miles distant from Barcelona, Spain, during the week ended July 19, 1922.

TUNIS.**Plague Focus—Tunis.**

On July 26, 1922, a focus of plague was reported present in the city of Tunis. The cases occurred among the staff of a native bath

¹ Public Health Reports, July 21, 1922, p. 1819, and Aug. 25, 1922, p. 2079.

establishment on July 20 and 21, respectively. One of the cases terminated fatally July 27, 1922.

It is believed that fuel for heating the baths, which was stored in the establishment and on a level with the soil, afforded a harborage for rats.

UNION OF SOUTH AFRICA.

Anthrax.

During the week ended June 29, 1922, outbreaks of anthrax were reported in the Union of South Africa, occurring in the Cape Province on farms in four districts and in the Transvaal on farms in three districts.

Influenza.

During the week ended June 24, 1922, a mild form of influenza was reported prevalent in the Cape Province, and at Pretoria, Transvaal, a number of cases were reported, occurring mostly among Europeans. During the week ended July 1, 1922, influenza was reported still present in the Cape Province, with a considerable outbreak in Swellendam, town and district, and mild outbreaks were reported being dealt with in other centers of the Union.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER.

Reports Received During Week Ended September 1, 1922.¹

The reports contained in the following tables must not be considered as complete or final, either as regards the list of countries included or the figures for the particular countries for which reports are given.

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Shanghai.....	July 29.....			Stated to be 250 cases in Chinese isolation hospital.
India.....				Apr. 30-June 10, 1922: Cases, 15,725; deaths, 13,174.
Bombay.....	June 11-17.....	9	2	
Calcutta.....	July 2-15.....	16	16	
Madras.....	July 16-22.....	2	1	
Rangoon.....	June 24-July 8.....	14	14	
Philippine Islands:				
Manila.....	July 2-15.....	4		
Province—				
Bataan.....	June 4-16.....	1		
Batangas.....	June 11-24.....	14	10	
Do.....	June 25-July 1.....	2	1	
Pampanga.....	June 18-24.....	2	1	
Do.....	July 2-8.....	1	1	
Poland:				
Rovno.....	July 30-Aug. 5.....	30	7	Repatriation station.
Zamosc.....	Aug. 21.....		1	
Rumania:				
Crangasi.....	July 31.....	1		Suburb of Bucharest.
Syria:				
Aleppo.....	July 23-29.....			Present.

¹ From medical officers of the Public Health Service, American consuls, and other sources.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received During Week Ended September 1, 1922—Continued.

CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
On vessel: S. S. Chios.....	July 16.....	1		At Kavak quarantine station Bosphorus, from Novorossysk, a Russian Black Sea port. Case occurred in a recognized carrier. Vessel carried refugees for Saloniki, Greece. Six bodies buried at sea, 12 landed at Kavak during stay.

PLAGUE.

Asia Minor:				
Smyrna.....	July 2-8.....	1		
Azores:				
St. Michaels Island.....	July 9-22.....	5		
Brazil:				
Bahia.....	June 11-17.....	1		
British East Africa:				
Kenya Colony.....	May 1-31.....	83	77	
Ceylon:				
Colombo.....	July 2-15.....	4	2	Plague rats, 7.
China:				
Amoy.....	July 2-15.....		50	
Foochow.....	July 2-8.....	2		
Hongkong.....	June 25-July 15.....	80	56	
Greece:				
Patras.....	May 29-June 25.....	5		
Egypt.....				Jan. 1-July 27, 1922: Cases, 397; deaths, 176.
City—				
Alexandria.....	July 22-24.....	3	1	
Port Said.....	July 21-25.....	5	3	Foreign, cases, 2; deaths, 2.
Province—				
Assiout.....	July 24-25.....	4	1	
Benisouef.....	July 23-25.....	6	1	
India:				
Calcutta.....	July 2-15.....	6	6	
Rangoon.....	June 25-July 8.....	61	55	
Japan:				
Osaka.....	July 11-20.....	7	6	
Madagascar:				
Tamatave.....	Aug. 21.....			Present.
Palestine:				
Jerusalem.....	July 18-31.....	5		
Tunis:				
Tunis.....	July 27.....		1	July 20, 21: Cases reported.

SMALLPOX.

Arabia:				
Aden.....	July 16-22.....	9	5	
Asia Minor:				
Smyrna.....	July 2-8.....	1		District.
Brazil:				
Bahia.....	June 25-July 1.....	1	1	
British East Africa:				
Kenya Colony.....				May 1-31, 1922: Cases, 4.
Dar es Salaam.....	June 24-July 1.....	2		
Chosen (Korea):				
Fusan.....	June 1-30.....	29	7	
Seoul.....	do.....	11	3	
Dominican Republic:				
San Pedro de Macoris.....	July 16-29.....	62	1	Including vicinity.
Santo Domingo.....	July 30-Aug. 5.....			A few cases in city and vicinity
Egypt:				
Cairo.....	May 7-13.....	1		
Port Said.....	do.....	1		
Finland.....	June 16-30.....	1		
Do.....	July 1-15.....	1		

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**Reports Received During Week Ended September 1, 1922—Continued.****SMALLPOX—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
India:				June 4-10, 1922: Cases, 941; deaths, 294.
Bombay	June 11-17	6	3	
Calcutta	July 2-15	5	5	
Madras	July 9-15	28	20	
Rangoon	June 24-July 8	16	6	
Japan:				
Taiwan Island	July 11-20	27	5	
Mexico:				Including municipalities in Federal district.
Mexico City	June 25-July 15	68		
Torreon	July 1-31		1	
Portugal:				
Lisbon	July 10-30	33	11	
Spain:				
Huelva	May 1-June 30		2	
Switzerland:				
Lucerne	July 1-31	1		
Zurich	July 23-29	3		
Turkey:				
Constantinople	July 16-29	5		
Union of South Africa:				Outbreaks.
Cape Province	June 25-July 1			
Southern Rhodesia	June 29-July 12	29		
Transvaal—Johannesburg	May 1-31	1		

TYPHUS FEVER.

Austria:				
Vienna	July 9-15	1		
China:				
Hankow	do.	1	1	
Egypt:				
Cairo	May 7-13	5	4	
Germany:				
Berlin	June 11-24		6	
Do.	June 25-July 1		3	
Coblenz	July 30-Aug. 5	1		
Mexico:				Including municipalities in Federal district.
Mexico City	June 25-July 8	23		
Norway:				
Province—Finmarken	July 26-Aug. 5	12	2	Occurring in three localities.
Spain:				
Barcelona	July 13-19		1	
Turkey:				
Constantinople	July 16-22	2		
Union of South Africa:				Outbreaks.
Cape Province	June 18-24			Do.
Natal	June 25-July 1			Do.
Orange Free State	June 18-24			Do.
Transvaal	June 18-July 1			
Johannesburg	May 1-31	3		
On vessel:				
S. S. Chios	July 16	1		At Kavak quarantine station, Bosphorus, from Novorossiysk, a Russian Black Sea port. Vessel carried refugees for Saloniki, Greece.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from July 1 to August 25, 1922.¹

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Amoy.....	May 14-June 24....	1	4	
Shanghai.....	June 25-July 31....	198	2	Aug. 4-10: Deaths, 11.
Tientsin.....	July 25.....	2	2	Foreign concession.
Greece:				
Athens.....	June 29.....	1	1	
Saloniki.....	June 7-17.....	30	11	At quarantine station, among passengers from vessel carrying Russian refugees.
India:				
Bombay.....	Apr. 23-June 3....	3	3	Feb. 26-Apr. 29, 1922: Deaths, 17,196. (Report for week ended Feb. 25, 1922, not received.)
Calcutta.....	Apr. 23-June 24....	536	378	
Do.....	June 25-July 1....	10	10	
Madras.....	May 21-June 17....	3	1	
Rangoon.....	May 7-June 24....	116	65	
Philippine Islands:				
Manila.....	May 21-June 24....	8	1	
Do.....	June 25-July 1....	1	1	
Province—				
Batangas.....	May 26-June 3....	1	1	
Bulacan.....	Apr. 30-May 6....	1	1	
Camarines Sur.....	Mar. 25-Apr. 1....	1	1	
Laguna.....	Apr. 16-22.....	1	1	
Mindoro.....	Apr. 23-29.....	1	1	
Nueva Ecija.....	June 11-17.....	1	1	
Pampanga.....	Apr. 16-June 17....	4	4	
Rizal.....	Apr. 2-May 27....	2	1	
Tarlac.....	May 21-June 10....	4	4	
Poland:				
Rovno.....	June 10-16.....	5	2	Repatriation station: Cases occurring among persons repatriated from Russia.
Do.....	July 11-17.....	3	1	
Rumania:				
Crangasi.....	July 15.....	10	6	Suburb of city of Bucharest. Outbreak. First case in soldier from frontier on Dniester River.
Siam:				
Bangkok.....	Apr. 30-June 17....	15	9	
Syria:				
Aleppo.....	May 27-June 3....			A few cases in interior.
Do.....	June 25-July 22....			Present in interior.

PLAGUE.

Asia Minor:				
Smyrna.....	May 23-June 17....	3	1	
Do.....	June 30-July 1....	1	1	
Australia:				
New South Wales—				
Sydney.....	June 1-15.....	2	2	Apr. 2-June 10, 1922: 19 plague-infected rats found.
Azores:				
St. Michaels Island.....	June 25-July 1....	13	3	At Arrifes and Ribeira, about 9 miles from port of Ponta Delgada.
Brazil:				
Bahia.....	May 7-June 4....			Rodent; occurring in a section of the city. Many dead rats found.
Pernambuco.....	May 7-13.....	1	1	
British East Africa:				
Kenya Colony.....				Mar. 1-Apr. 30, 1922: Cases, 104; deaths, 95.
Nairobi.....	Feb. 1-23.....	15	15	
Ceylon:				
Colombo.....	May 6-June 24....	13	10	Plague rats, 5.
Do.....	June 25-July 1....		1	
China:				
Amoy.....	May 7-June 24....		87	May 20: From 10 to 20 deaths reported daily.
Do.....	June 25-July 1....		26	
Canton.....	May 1-June 30....	28	23	

¹ From medical officers of the Public Health Service, American consuls, and other sources.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from July 1 to August 25, 1922—Continued.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
China—Continued.				
Foochow.....	May 7-June 10....	5	4	June 17-24: Present. June 21: Mildly epidemic; 2 fatal cases in foreign physicians. Prevalent.
Do.....	June 25-July 1....			
Hongkong.....	June 4-24.....	176	104	
Ecuador:				
Guayaquil.....	June 1-15.....			Rats found infected, 16; examined, 3,400.
Do.....	July 1-15.....			Rats examined, 4,460; found infected, 4.
Egypt:				
City—				Jan. 1-June 29, 1922: Cases, 280; deaths, 120. Jan. 1-July 20, 1922: Cases, 380; deaths, 160.
Alexandria.....	June 1-28.....	21	6	
Do.....	July 2-14.....	6	3	
Port Said.....	June 12-25.....	2	5	Septicemic.
Do.....	July 2-19.....	17	14	July 3-22, 1922: Cases, 15; deaths, 16.
Suez.....	May 24-June 25.....	7	6	
Do.....	July 10.....	1	1	
Province—				
Assiout.....	May 30-June 23....	14	8	Septicemic, 1.
Do.....	July 11.....	1	1	
Benisouef.....	May 26-June 30....	19	7	
Do.....	July 2-20.....	21	11	
Fayoum.....	June 3-29.....	8	4	
Do.....	July 2-20.....	13	3	
Gharbieh.....	May 26-June 30....	37	13	
Do.....	July 2.....	3		
Menoufieh.....	July 20.....	1	1	
Minieh.....	June 2-29.....	24	7	
Do.....	July 14-18.....	9	6	
Greece:				
Patras.....	Apr. 24-May 14....		3	
Hawaii:				
Hamakua.....	June 30-July 4....	1	1	At Kalopa Homesteads. Case Hawaiian.
Do.....	July 8.....			Hamakua Mill Co. One plague rat trapped; found positive, July 14, 1922.
Kalopa.....	July 13.....	1	1	Contact with case at Kalopa Homesteads, July 4.
Panauhau.....	June 30.....			One plague rat trapped at Panauhau Gulch, June 29; found positive, June 30, 1922.
Panaitilo.....	July 7.....		1	At Pokabea. Japanese.
India:				Apr. 23-June 17, 1922: Cases, 6,075; deaths, 4,642.
Bombay.....	Apr. 23-June 10....	157	115	
Calcutta.....	Apr. 23-June 24....	56	54	
Do.....	June 25-July 1....	3	3	
Karschi.....	May 23-June 24....	59	55	
Do.....	June 25-July 8....	3	?	
Madras Presidency.....	May 21-June 24....	74		
Do.....	June 25-July 8....	46		
Rangoon.....	May 6-June 24....	175	161	
Indo-China:				
Saigon.....	Apr. 23-June 24....	30	21	
Japan:				
Osaka.....	July 13.....	9	8	Reported as having occurred during past month.
Java.....				Month of April, 1922: Report of the 7 Provinces of Java: Cases, 413; deaths, 495. May 1-31, 1922: Cases, 263; deaths, 310, occurring in 6 Provinces.
East Java—				Epidemic.
Socrabaya.....	May 7-13.....	2	2	
Socrakarta—				
Keporen.....	May 20.....			
Madagascar:				
Tananarive Province—				
Anketrina.....	May 4.....		1	Native village; disease stated to have been present since about Apr. 27, 1922. (Name of locality corrected.)
Tananarive.....	May 29-June 4....	1		
Mesopotamia:				
Bagdad.....	Apr. 1-May 31.....	158	110	
Mexico:				
Vera Cruz.....	June 30.....			One plague-infected rat.
Palestine:				
Jerusalem.....	July 4-17.....	20	2	In native quarter of Jaffa.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from July 1 to August 25, 1922—Continued.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Peru.....				May 1-15, 1922: Cases, 36; deaths, 19. June 1-30, 1922: Cases, 87; deaths, 15.
Philippine Islands:				
Manila.....	June 3.....	1	1	From S. S. Taisang from Amoy, China.
Senegal:				
Dakar.....	June 1-30.....	1	1	
Siam:				
Bangkok.....	Apr. 30-June 3.....	4	3	
Straits Settlements:				
Singapore.....	Apr. 30-June 24.....	8	9	
Tunis:				
Tunis.....	June 30-July 9.....	3		
Union of South Africa:				
Orange Free State—				
Grootkom Farm.....	May 7-13.....			One dead plague-infected rodent found. Locality adjoins Tru-cart's Berg Farm, on which plague-infected mouse was found preceding week.
Rendezvous Ry Sta-	May 14-20.....			Plague-infected wild rodent found near.
tion.				
On vessels:				
S. S. Ardeola.....	June 25-July 8.....			At Liverpool. Four plague-infected rats found dead. Vessel from Las Palmas, Canary Islands, June 25, 1922.
Greek vessel ———	July 19.....			At Messina, Italy. Cases on board. Vessel not allowed to enter.
S. S. Southgate.....	May 30.....	1		At Thursday Island quarantine, Australia. Vessel left Calcutta May 2; Rangoon, May 9. Vessel badly rat infested.
S. S. Taisang.....	June 1-3.....	1	1	At Manila, P. I., from Amoy, China. Patient landed at Manila June 1, 1922. The Taisang was 24 days en route direct from Amoy.

SMALLPOX.

Arabia:				
Aden.....	May 7-June 24.....	69	21	
Do.....	July 2-15.....	26	8	
Argentina:				
Rosario.....	June 1-30.....		3	
Asia Minor:				
Smyrna.....	May 14-June 24.....	4		In district.
Do.....	June 25-July 1.....	1		
Bolivia:				
La Paz.....	Mar. 1-Apr. 30.....	97	16	
Brazil:				
Para.....	May 29-June 25.....	8		
Do.....	July 3-23.....	42	1	
Rio de Janeiro.....	May 14-June 24.....	48	12	
Do.....	June 25-July 15.....	22	7	
Sao Paulo.....	Apr. 10-June 11.....	3	10	
British East Africa:				
Kenya Colony.....				Apr. 1-30, 1922: Cases, 6.
Dar es Salaam.....	Apr. 16-June 10.....	26		
Nairobi.....	Mar. 1-31.....	22	2	
Zanzibar.....	May 1-June 10.....	36	6	
Canada:				
Alberta—				
Calgary.....	June 18-24.....	1		
Manitoba—				
Winnipeg.....	May 6-June 17.....	3		
New Brunswick—				
Kent County.....	June 25-July 1.....	2		
Madawaska County.....	June 4-17.....	6		

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from July 1 to August 25, 1922—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Canada—Continued.				
Ontario—				
Hamilton	July 30-Aug. 12	2		
North Bay	June 3-17	2		
Do.	July 16-29	2		
Ottawa	June 11-July 1	17		
Do.	July 2-Aug. 5	11		
Toronto	June 18-July 29	6		
Ceylon:				
Colombo	May 14-20	1		
Chile:				
Concepcion	Mar. 14-June 20		71	Prevalent, July 3, 1922, throughout southern Provinces.
Do.	June 27-July 3		5	
Quillon				In Concepcion Province: epidemic in May, 1922, with 60 reported cases. To June 5: Epidemic.
Do.	June 27-July 3			Epidemic.
San Patricio	May 16-22	13		
Talcahuano	May 22-June 24	33	19	May 16-22, 1922: Present.
Temuco				Province of Cautin; epidemic May, 1922.
Valparaiso	Mar. 26-Apr. 22		52	Incomplete; several districts not reporting.
China:				
Amoy	May 7-20			Present June 13-24: 1 death.
Aniung	May 29-June 18	4		
Do.	July 3-9	1		
Chungking	May 23-June 24			Present.
Do.	June 25-July 1			Do.
Foochow	May 14-20	1		
Hankow	June 25-July 1	1		
Hongkong	May 14-June 24	41	32	
Manchuria—				
Dairon	May 15-June 18	4	1	
Harbin	May 22-28	1		
Mukden	June 18-24			Present.
Nanking	May 7-June 24			Do.
Do.	June 25-July 1			Do.
Shanghai	May 22-28	1		Native.
Tientsin	May 14-20			Present.
Tsingtau	May 9-June 18	4	3	
Chosen (Korea):				
Chemulpo	May 1-31	1		
Fusan	do.	118	53	
Seoul	do.	15	2	
Cuba:				
Antilla	June 18-24	1		Reported for Preston.
Cienfuegos	June 24-July 1	1		
Santiago	June 1-30	3		
Dominican Republic:				
San Pedro de Macoris	May 21-June 24	167	2	City and country. Corrected report.
Do.	June 25-July 22	136	1	City and district.
Santo Domingo	June 4-24	3	9	Including vicinity.
Do.	June 25-July 29	2	4	Do.
Egypt:				
Cairo	Apr. 30-May 6	4	2	
Port Said	June 11-17	1		
Finland:				
Finland	June 1-15	1		
Flume:				
Flume	June 13-19	1		
Do.	July 10-16	1		
France:				
Paris	June 1-10	1	1	
Great Britain:				
Sheffield	May 28-June 17	5		
Southampton	June 18-24	2		
Halifax				Outbreak reported under date of June 17, 1922.
Huddersfield				Do.
Greece:				
Saloniki	May 1-June 25	3	1	
Syra Island	May 26	12	5	
Haiti:				
Cape Haitien	June 11-17	1		
Plaine du Nord	do.			Vicinity of Cape Haitien. Present.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from July 1 to August 25, 1922—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
India.....				Feb. 26-Mar. 25, 1922: Deaths, 1,162 (date of report corrected).
Bombay.....	Apr. 23-June 10.....	29	14	Mar. 26-May 20, 1922: Deaths, 6,015.
Calcutta.....	Apr. 23-June 24.....	84	67	
Do.....	June 25-July 1.....	4	4	
Karachi.....	May 23-June 24.....	35	9	
Madras.....	May 14-June 24.....	207	94	June 19-25: Cases, 30; deaths, 15.
Do.....	July 2-8.....	57	31	
Rangoon.....	May 7-June 24.....	37	16	
Japan:				
Kobe.....	June 19-25.....	2		
Taiwan Island.....	June 11-30.....	26	3	
Yokohama.....	May 29-June 25.....	4	2	
Do.....	June 26-July 2.....	21	3	
Java:				
West Java—				
Batavia.....	Apr. 28-June 30.....	20	3	City and Province.
Luxemburg.....	June 15-30.....	1	1	
Malta.....	May 1-June 15.....	4		
Mesopotamia:				
Bagdad.....	Apr. 1-May 31.....	12	7	
Mexico:				
Chihuahua.....	June 22-July 2.....		1	
Guadalajara.....	May 1-31.....	7		Estimated cases, 4 to 10.
Manzanillo.....	June 6-25.....		4	Estimated.
Do.....	June 27-July 3.....	6	1	Including municipalities in Federal District. Report, June 11-17, not received.
Mexico City.....	May 21-June 24.....	129		State of Sonora.
Nogales.....	July 22-Aug. 5.....	26	3	
San Luis Potosi.....	July 23-Aug. 5.....		6	
Panama:				
Colon.....	July 16-31.....	1		
Peru.....				May 1-15, 1922: Cases, 5; deaths, 4. June 1-30, 1922: Cases, 16; deaths, 7.
Poland.....				Mar. 26-June 3, 1922: Cases, 1,022; deaths, 218.
Portugal:				
Lisbon.....	May 29-June 25.....	6	8	Corrected report.
Do.....	June 26-July 8.....	11	10	July 2-15: Cases, 10; deaths, 5.
Russia:				
Estonia.....	May 1-31.....	4		
Lettonia.....	do.....	30		
Senegal:				
Dakar.....	June 1-30.....	4	4	
Spain:				
Barcelona.....	June 22-28.....		1	
Do.....	June 29-July 5.....		1	
Corunna.....	June 11-17.....		1	
Huelva.....	Apr. 1-30.....		2	
Seville.....	June 11-17.....	36		Week ended June 11: Many cases.
Do.....	June 18-July 30.....		87	
Valencia.....	May 21-27.....	1		
Straits Settlements:				
Singapore.....	Apr. 30-June 5.....	11	2	
Switzerland:				
Basel.....	May 28-June 3.....	1		
Berne.....	May 14-20.....	1		
Do.....	July 9-15.....	1		
Zurich.....	Apr. 23-June 24.....	9		
Do.....	June 25-July 1.....	2		
Syria:				
Aleppo.....	June 4-24.....			Present.
Damascus.....	June 18-24.....		2	
Do.....	June 25-July 1.....	5	1	
Tunis:				
Tunis.....	July 17-23.....	1		
Turkey:				
Constantinople.....	May 21-June 24.....	21	6	
Do.....	June 25-July 15.....	7	2	
Union of South Africa.....				Apr. 1-May 31, 1922: Cases, 112; deaths, 10 (colored); white, cases, 33.
Cape Province.....				Apr. 1-May 31, 1922: Cases, 32; deaths, 1 (colored); white, 3 cases.
Do.....	May 7-June 17.....			Outbreaks.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from July 1 to August 25, 1922—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Union of South Africa—Contd.				
Natal.....				Apr. 1-May 31, 1922: Cases, 20; deaths, 8 (colored); white, 20 cases.
Orange Free State.....				May 1-31, 1922: Cases, 12; deaths, 1 (colored). Outbreaks.
Do.....	May 7-27.....			
Southern Rhodesia.....	May 11-June 23.....	67	4	
Transvaal.....				Apr. 1-May 31, 1922: Cases, 48, colored; white, 10 cases. Outbreaks.
Do.....	May 7-June 17.....			
Virgin Islands:				
St. Thomas.....	June 5-18.....	1	1	At quarantine. From vessel from Dominican Republic Sept. 4-24, 1921: Cases, 11; deaths, 4.
Yugoslavia.....				Oct. 23-29, 1921; Cases, 5.
Serbia.....				
Belgrade.....	June 11-17.....	1		
Zagreb.....	June 4-10.....	1		
On vessels:				
S. S. Changsha.....	May 11.....	1		At Hongkong, China. Case landed from vessel; patient, intending passenger. Vessel proceeded to Australian ports.
S. S. Comerie.....	.....do.....	1		At sea, en route to Durban, S. A., from Sydney, Australia. (Public Health Reports, June 23, 1922, p. 1555.)
Schr. Fancy Me.....	May 28.....			At St. Thomas, Virgin Islands, From San Pedro de Macoris, Dominican Republic. Onecase removed to quarantine June 5, died June 18.
S. S. Shelley.....	Apr. 19.....	1		At sea, en route from Hongkong. Vessel left Hongkong Apr. 17. Arrived Thursday Island quarantine, Australia, Apr. 28, 1922. Case, member of crew; type, confluent hemorrhagic.
S. S. St. Albans.....	May 18.....	1		At Thursday Island quarantine, Australia. Case in person of Chinese steerage passenger. Vessel left Shimonoseki, Japan, for Melbourne via Hongkong and Manila. Left Thursday Island for Australian ports.

TYPHUS FEVER.

Algeria:				
Algiers.....	May 1-31.....	16	4	
Oran.....	June 1-30.....	3	1	
Do.....	July 1-20.....		2	
Asia Minor:				
Smyrna.....	May 14-June 24.....	8		City and district. Corrected report.
Do.....	June 25-July 1.....	3		District.
Austria:				
Vienna.....	May 7-June 10.....	3	1	
Do.....	July 2-8.....	1	1	
Bolivia:				
La Paz.....	Mar. 1-Apr. 30.....	15	8	
Bulgaria:				
Sofia.....	May 28-June 17.....	4		
Chile:				
Concepcion.....	Apr. 11-May 29.....		10	
Do.....	June 27-July 3.....		1	
Valparaiso.....	Apr. 2-22.....		6	
China:				
Antung.....	May 15-21.....	1		
Foochow.....	May 14-20.....	1		
Manchuria:				
Harbin.....	May 8-June 11.....	4		
Do.....	June 26-July 2.....	3		

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from July 1 to August 25, 1922—Continued.

TYPHUS FEVER—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Czechoslovakia:				
Prague.....	June 11-17.....	1		
Danzig (Free City).....	June 4-10.....	1		
Egypt:				
Alexandria.....	June 4-24.....	9	6	
Do.....	June 25-July 15.....	7	2	
Cairo.....	Mar. 19-May 6.....	46	31	Relapsing fever, Mar. 26-Apr. 8, 1 case.
Port Said.....	May 28-June 3.....	1		
Do.....	July 2-8.....	1		
Germany.....				May 1-6, 1922: Five cases typhus fever at quarantine station of Osternothafen, in persons returning from Russia.
Berlin.....	Apr. 30-May 6.....		1	
Coblenz.....	July 2-29.....	4		
Königsberg.....	May 28-June 3.....	1		
Greece:				
Saloniki.....	May 1-June 18.....	25	1	
Mesopotamia:				
Bagdad.....	Apr. 1-May 31.....	6	1	
Mexico:				
Mexico City.....	Apr. 23-June 24.....	111		Including municipalities in Federal District.
Palestine:				
Jerusalem.....	June 27-July 3.....	1		
Persia:				
Teheran.....	Mar. 22-Apr. 22.....		1	
Poland.....				Mar. 25-Apr. 22, 1922: Cases, 7,155. Apr. 23-June 3, 1922: Cases, 7,178; deaths, 499. Recurrent typhus—Mar. 26-Apr. 22, 1922: Cases, 4,515; deaths, 155. Apr. 23-May 6, 1922: Cases, 1,598; deaths, 34. (Corrected report.) May 7-June 3, 1922: Cases, 2,817; deaths, 72. Among transient and permanent residents.
Warsaw.....	Apr. 23-June 24.....	156		
Portugal:				
Oporto.....	May 4-June 24.....	9	4	
Rumania:				Apr. 1-May 31, 1922: Cases, 62.
Cities—				
Bucharest.....	May 1-31.....	14		
Cernauti.....	do.....	5		
Chisinau.....	Apr. 1-30.....	21		
Cluj.....	May 1-31.....	18		
Constanza.....	do.....	1		
Galata.....	do.....	1		
Sulina.....	do.....	2		
Provinces—				
Bucovina.....	Jan. 1-31.....	35	13	
Chisinau.....	Apr. 1-30.....	14		Recurrent typhus: Cases, 7.
Transylvania.....	Jan. 1-31.....	16	3	
Russia:				
Esthonia.....	Apr. 1-May 31.....	31		
Lettonia.....	do.....	524		Recurrent typhus: Cases, 24.
Spain:				
Madrid.....	May 1-June 30.....		16	
Seville.....	May 21-June 3.....		1	
Tunis:				
Tunis.....	June 4-10.....	2		
Turkey:				
Constantinople.....	May 21-June 24.....	16		
Do.....	July 9-15.....	2	1	
Union of South Africa.....				Apr. 1-May 31, 1922: Cases, 736; deaths, 134 (colored); white, 8 cases. Apr. 1-May 31, 1922: Cases, 638; deaths, 125 (colored); white, 7 cases. Outbreaks. Apr. 1-May 31, 1922: Cases, 26; deaths, 4 (colored). Outbreaks. Apr. 1-May 31, 1922: Cases, 49; deaths, 2 (colored); white, 1 case. Outbreaks. Apr. 1-May 31, 1922: Cases, 23; deaths, 2 (colored). Outbreaks.
Cape Province.....				
Do.....	May 7-June 17.....			
Natal.....	May 7-June 17.....			
Do.....	May 7-June 17.....			
Orange Free State.....	May 28-June 17.....			
Do.....	May 28-June 17.....			
Transvaal.....	May 28-June 3.....			
Do.....	May 28-June 3.....			

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**Reports Received from July 1 to August 25, 1922—Continued.****TYPHUS FEVER—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
Yugoslavia.....				Aug. 7-13, 1921: 2 new cases. (1921.)
Bosnia-Herzegovina.....	Aug. 7-13.....	1		Do.
Croatia-Slavonia.....	Sept. 4-10.....	1		
Serbia—				
Belgrade.....	May 6-June 3.....	2		(1921.)
Voivodina.....	Aug. 7-13.....	1		
From vessel:				
S. S. Smolensk.....	June 14.....	1	1	From Danzig, May 30, 1922. At embarkation detention camp, Southampton, England. (Public Health Reports, June 30, 1922, p. 1610.)

YELLOW FEVER.

Mexico:				
Tampico.....	July 27-29.....	1	1	From Panuco. Patient brought to Tampico on eighth day of illness.